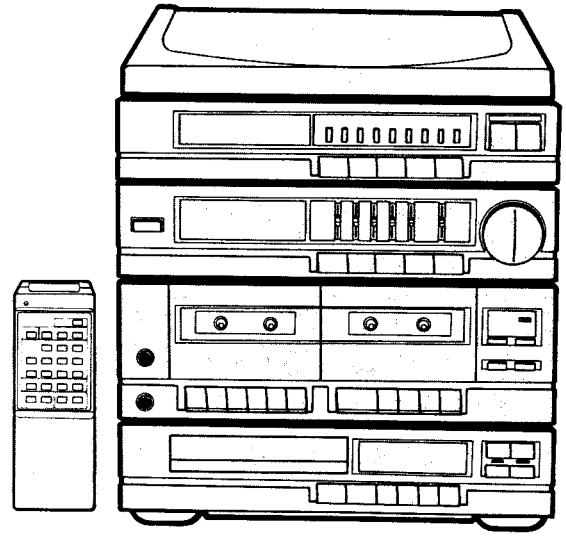
GoldStar

COMPACT DISC MUSIC CENTER

SERVICE MANUAL

CAUTION

BEFORE SERVICING THE CHASSIS, READ THE "SAFETY PRECAUTION" IN THIS MANUAL.



MODEL: FMH-40L

GoldStar

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SAFETY PRECAUTION

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual, electrical components having such features are identified by a ⚠ in the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire or other hazards.

SPECIFICATIONS

AMP SECTION

(1) Output Power (4Ω, 2channel) ..... 20W+20W
(2) T.H.D 0.5%
(3) Frequency Response (−3dB down) ..... 15Hz~30kHz
(4) Signal -to- Noise Ratio 80dB
(5) Tone Control 100Hz, 350Hz, 1kHz, 3.5kHz, 10kHz 10dB
(6) Crosstalk 100Hz, 1kHz 45dB

TUNER SECTION

1. MW

(1) Tuning Coverage ..... 531~1602kHz
(2) Intermediate Frequency 450kHz
(3) Usable Sensitivity 594kHz, 1008kHz, 1404kHz (S/N 20dB) 60dB/m
(4) Image Rejection 1404kHz 40dB
(5) IF Rejection 594kHz 40dB
(6) Selectivity 1008kHz 35dB
(7) Signal-to-Noise Ratio 1008kHz 35dB
(8) Distortion 1008kHz 1.5%
(9) Audio Frequency Response (−6dB) 1008kHz ..... 70~2300Hz

2. LW

(1) Tuning Coverage ..... 153~281kHz
(2) Intermediate Frequency 450kHz
(3) Usable Sensitivity 164kHz, 200kHz, 254kHz 64dB/m
(4) Image Rejection 200kHz 30dB
(5) IF Rejection 200kHz 35dB
(6) Selectivity 200kHz 35dB
(7) Signal-to-Noise Ratio 200kHz 35dB
(8) Distortion 2%
(9) Audio Frequency Response (−6dB) 200kHz ..... 70~2300Hz

3. FM

(1) Tuning Coverage ..... 87.5~108MHz
(2) Intermediate Frequency 10.7MHz
(3) Sensitivity 90MHz, 98MHz, 106MHz 4μV
(4) Signal-to-Noise Ratio 98MHz (Mono/Stereo) 65dB/60dB
(5) Image Rejection 106MHz 45dB
(6) IF Rejection 98MHz 60dB
(7) Distortion 98MHz (Mono/Stereo) 0.15%/0.3%
(8) Audio Frequency Response (−3dB) ..... 30~11000Hz
(9) Stereo Separation 100Hz, 1kHz 40dB

TAPE RECORDER SECTION

(1) Wow & Flutter (JIS-WTD) 0.15%
(2) Frequency Response (3~4dB range) 125Hz
(3) Signal-to-Noise Ratio 50dB
(4) Distortion (Playback/Record Playback) 1%/2%
(5) Crosstalk 55dB
(6) Erase Ratio 60dB
(7) Input Sensitivity 1.0mV

CDP SECTION

(1) Frequency Response ..... 20～20000Hz
(2) Signal-to-Noise Ratio 75dB
(3) Dynamic Range 75dB
(4) T. H. D. 0.2%
(5) Separation 45dB

RECORD PLAYER SECTION

(1) Wow & Flutter 0.12%
(2) Speed 33 1/3, 45rpm
(3) Signal-to-Noise Ratio 35dB
(4) Separation 20dB
(5) Frequency Response ..... 50～15000Hz

GENERAL

(1) Power Requirement ..... AC 220V, 50Hz
(2) Dimension (width × height × depth) ..... 360 × 323 × 315(mm)

NOTE: Specifications for this model are subject to change without prior notice for improvement.

ADJUSTMENTS

This music center has been aligned at the factory and normally will not require further adjustment. As a result, it is not recommended that any attempt is made to modificate any circuit. If any parts are replaced or if anyone tampers with the adjustment, realignment may be necessary.

IMPORTANT

1. Check power-source voltage.
2. Set the function switch to band being aligned.
3. Turn volume control to minimum unless otherwise noted.
4. Connect low side of signal source and output indicator to chassis ground unless otherwise specified.
5. Keep the signal input as low as possible to avoid AGC and AFC action.
6. Standard modulation is 400Hz at 30% for AM (400Hz at 22.5kHz deviation for FM).

TEST AND ADJUSTMENT POINTS

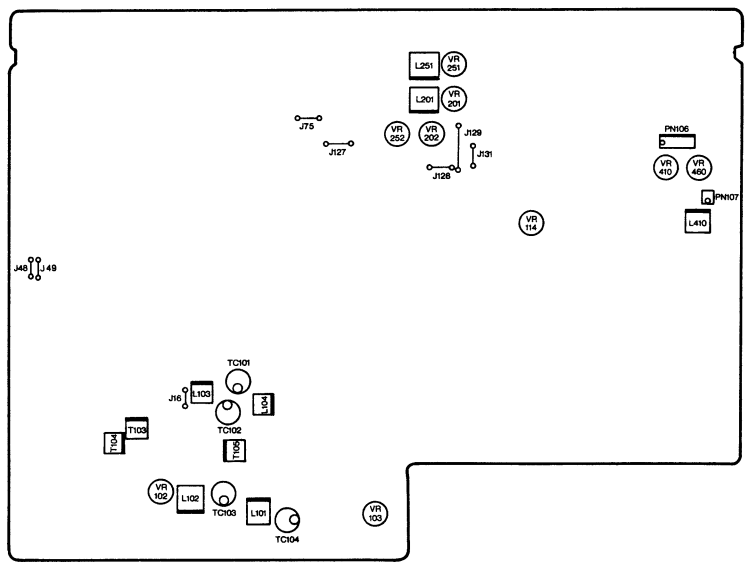


Figure 1 Main P.C.Board

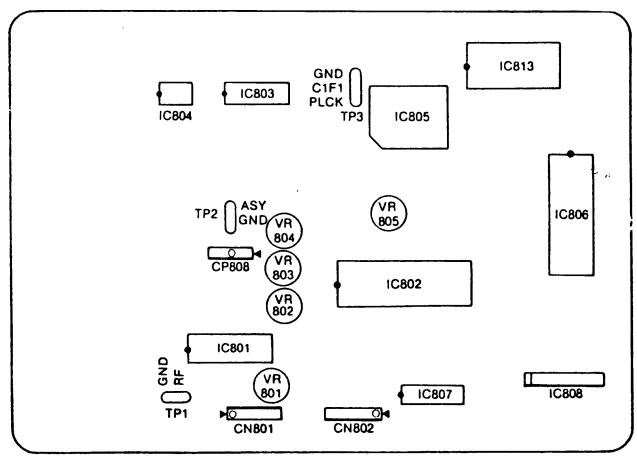


Figure 2 CD Main P.C.Board

TUNER ADJUSTMENT

1. MW/LW IF ADJUSTMENT

IF Genescope ····· Connect the input to Speaker Out, the output to AM Antenna coil adjust for the IF waveform of Genescope to be maximum.

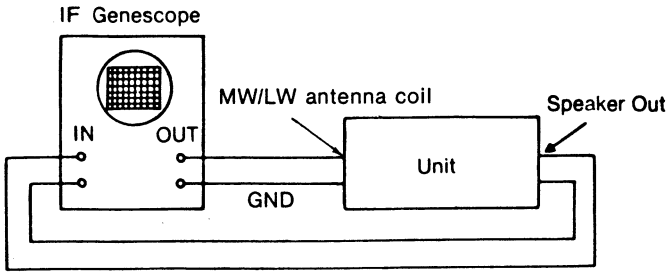


Figure 3. MW/LW IF Adjustment Connection Diagram

IF	Adjust For	Adjustment
450kHz	Maximum	T105

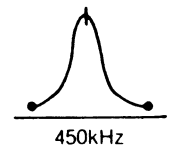


Figure 4. MW/LW IF Curve

2. MW COVERAGE ADJUSTMENT

DC Voltmeter ····· Connect to J48 (FM/MW VCO test point) and GND.

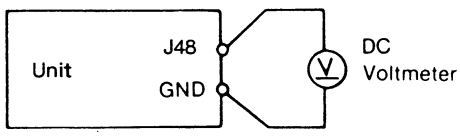


Figure 5. MW Coverage Adjustment Connection Diagram

Step	Frequency	Adjust For	Adjustment
1	531kHz	1.4V	L103
2	1602kHz	8.5V	TC101
3	Repeat steps 1 and 2 several times.		

3. LW COVERAGE ADJUSTMENT

DC Voltmeter ····· Connect to J49 (LW VCO test point) and GND.

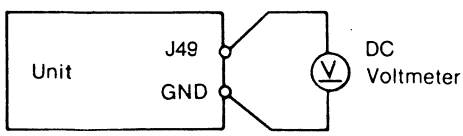


Figure 6. LW Coverage Adjustment Connection Diagram

Step	Frequency	Adjust For	Adjustment
1	153kHz	4.1V	L104
2	281kHz	8.2V	TC102
3	Repeat steps 1 and 2 several times.		

4. MW/LW TRACKING ADJUSTMENT

Signal Generator ····· Connect to the MW/LW antenna coil through the loop antenna. Adjust for the indication of Electronic Voltmeter and the waveform of Oscilloscope to be maximum.

Step	Band	Frequency	Adjust For	Adjustment
1	MW	594kHz	Maximum sensitivity	L101
2		1404kHz		TC104
3		Repeat steps 1 and 2 several times.		
4	LW	164kHz	Maximum sensitivity	L102
5		254kHz		TC103
6		Repeat steps 4 and 5 several times.		

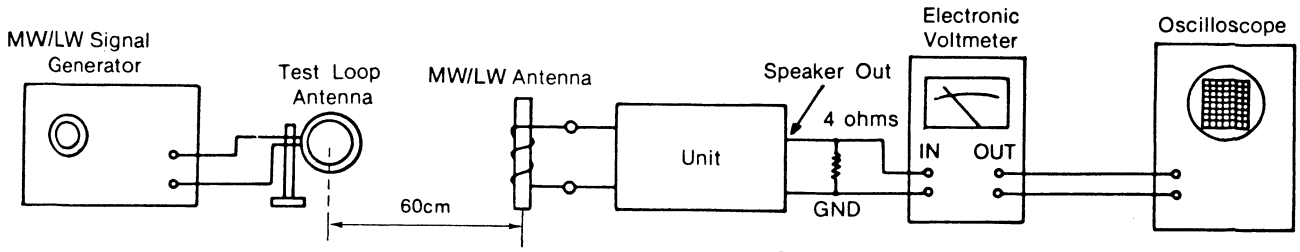


Figure 7. MW/LW Tracking Adjustment Connection Diagram

5. FM IF ADJUSTMENT

IF Genescope ····· Connect the input to both side of J16, the output to the FM Antenna. Adjust so that the waveform appeared on genescope may be the best curve.

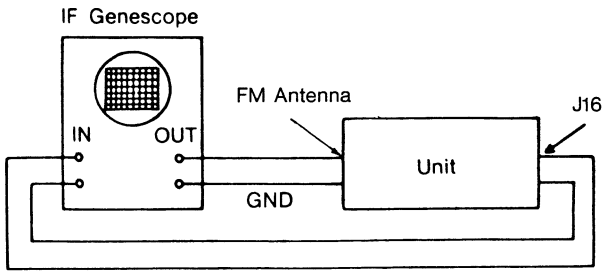


Figure 8. FM IF Adjustment Connection Diagram

IF	Adjust For	Adjustment
10.7MHz	The best curve	T103 (See figure 9) T104 (See figure 10)

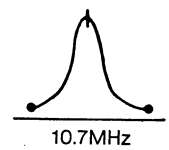


Figure 9. FM IF Curve

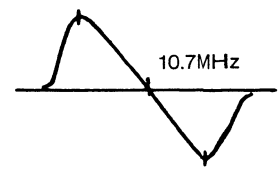


Figure 10. FM "S" Curve

6. FM SEARCH LEVEL ADJUSTMENT

Frequency	FM Antenna	Adjust For	Adjustment
98MHz	20dB	Adjust until DC voltage go down "LOW" from "HIGH".	VR102

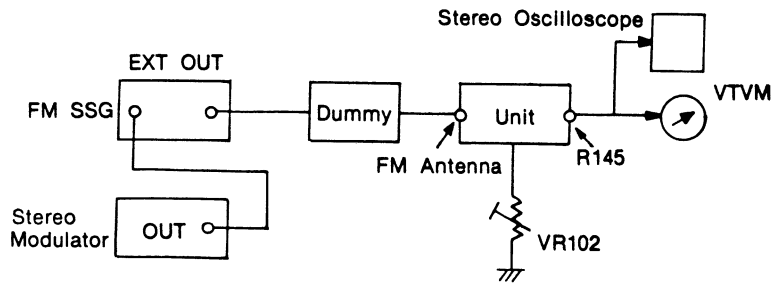


Figure 11. FM Search Level Adjustment Connection Diagram

7. FM MPX ADJUSTMENT-SEPARATION

Test Frequency	Adjust For	Adjustment
98.1MHz	Difference of R and Lmust be maximum	VR103

NOTE: In case of adjusting the stereo separation, if input is L (or R) channel, R (or L) channel must be maximum.

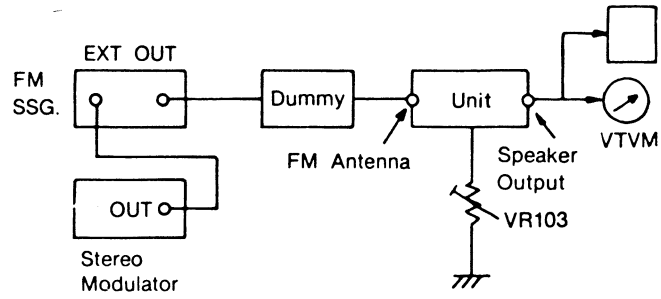


Figure 12. FM MPX Adjustment Connection Diagram

TAPE DECK ADJUSTMENT

1. AZIMUTH ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust For
Playback	MTT-114	Speaker out	Azimuth adjusting screw	R/L maximum

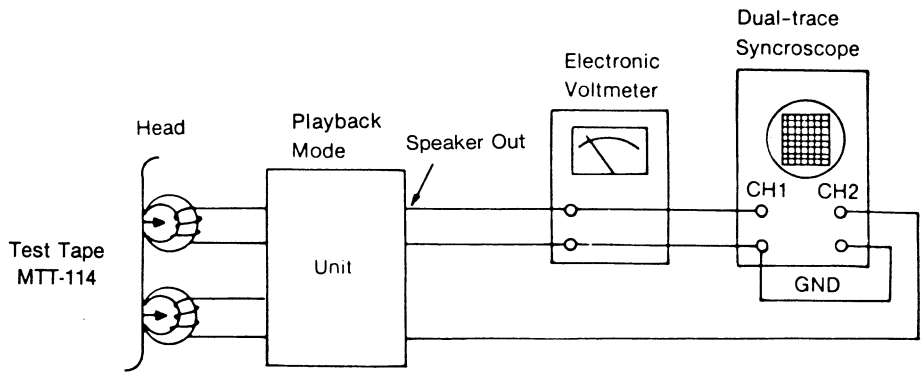


Figure 13. Azimuth Adjustment Connection Diagram

2. MOTOR SPEED ADJUSTMENT

Item	Deck Mode	Test Tape	Test Point	Adjustment	Adjust For
Normal Speed	Playback	MTT-114	Speaker out	VR411	3kHz ± 30Hz

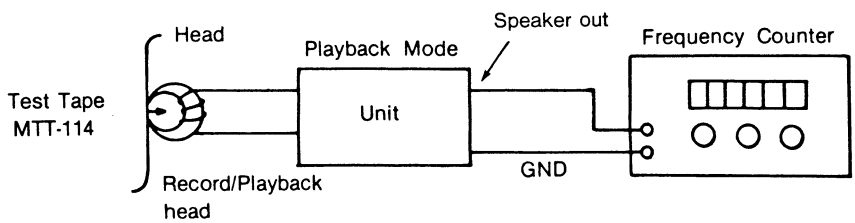


Figure 14. Motor Speed Adjustment Connection Diagram

3. BIAS VOLTAGE ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust for	Remark
Record/ Playback	MTT-5511	PN106 White color R/L	L: VR410 R: VR460	12V	Dolby off, Normal Position

* After you adjust to being associated with deck A and B, repeat the adjustment several times.

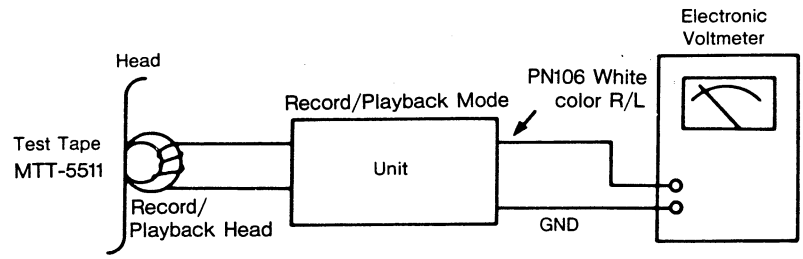


Figure 15. Bias Voltage Adjustment Connection Diagram

4. PLAYBACK LEVEL ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust for	Remark
Playback	MTT-150	J75, J127	L: VR201 R: VR251	580mV±30mV	Dolby off

* After you adjust to being associated with deck A and B, repeat the adjustment several times.

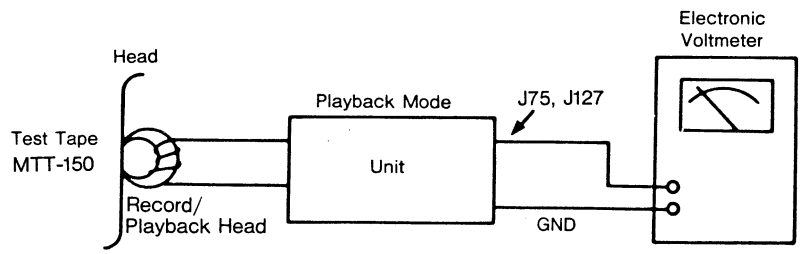


Figure 16. Playback Level Adjustment Connection Diagram

5. BIAS FREQUENCY ADJUSTMENT

Deck	Deck Mode	Test Tape	Test Point	Adjustment	Adjust for	Remark
Deck B	Record/ Playback and Pause	Blank Tape	PN107	L410	105kHz±2kHz	Deck A: Stop

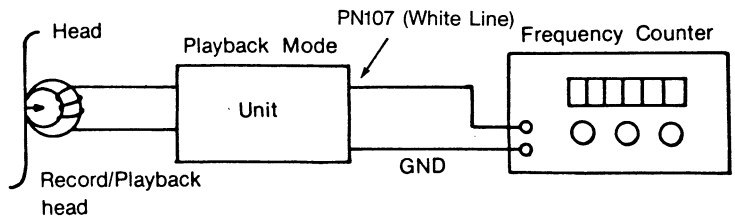


Figure 17. Bias Frequency Adjustment Connection Diagram

6. BIAS TRAP ADJUSTMENT

Deck	Deck Mode	Test Tape	Test Point	Adjustment	Adjust for	Remark
Deck B	Record/Playback and Pause	Blank Tape	J75, J127	L201, L251	Minimum	Deck A: Stop

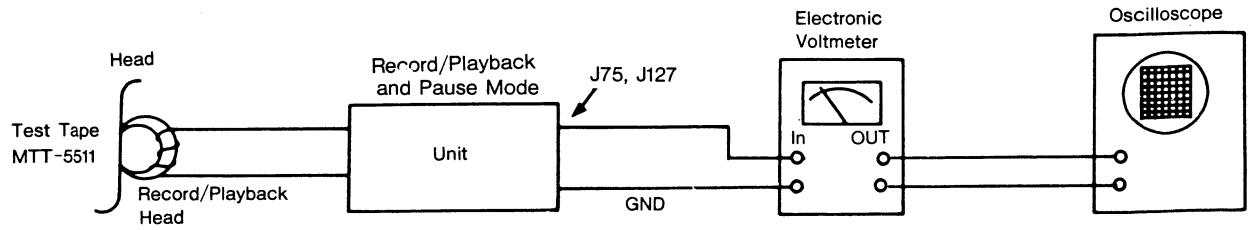


Figure 18. Bias Trap Adjustment Connection Diagram

7. RECORD/PLAYBACK CALIBRATION ADJUSTMENT

Deck	Deck Mode	Test Tape	Test Point	Adjustment	Adjust For
Deck A	R/P→PB	MTT-5511 MTT-5561	J127,J131	VR202,VR252	28mV
Deck B	PB	MTT-150			

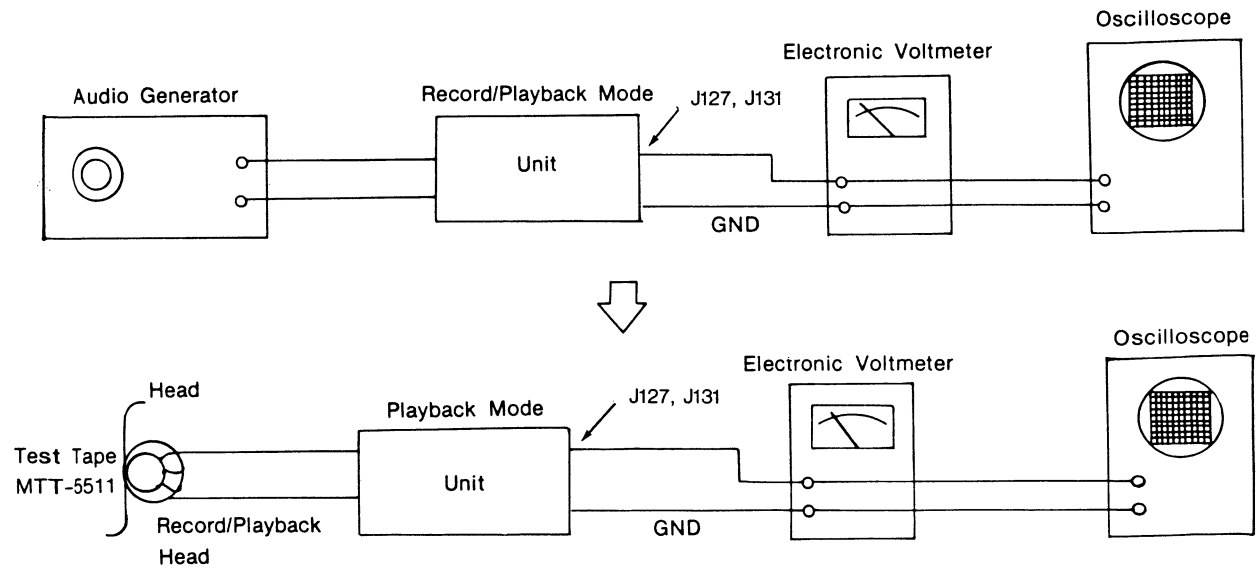
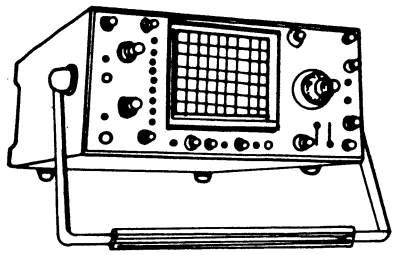


Figure 19. Record Level Adjustment Connection Diagram

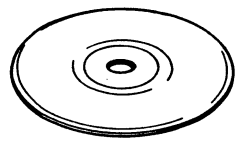
CDP ADJUSTMENT

1. METER AND JIG FOR ADJUSTMENT

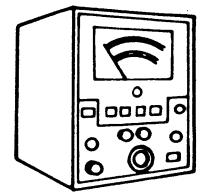
1-1. Oscilloscope



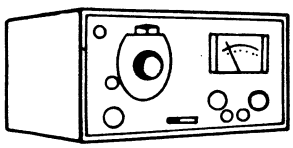
1-2. Test disc
(Sony type 4: YEDS-18)



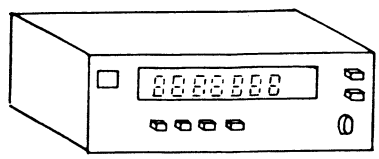
1-3. Jitter meter



1-4. Low frequency oscillator

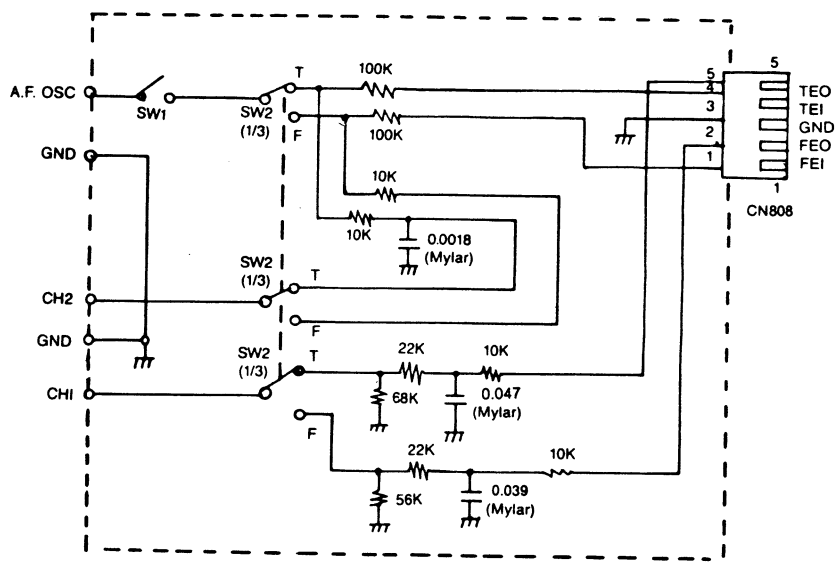


1-5. Digital frequency counter



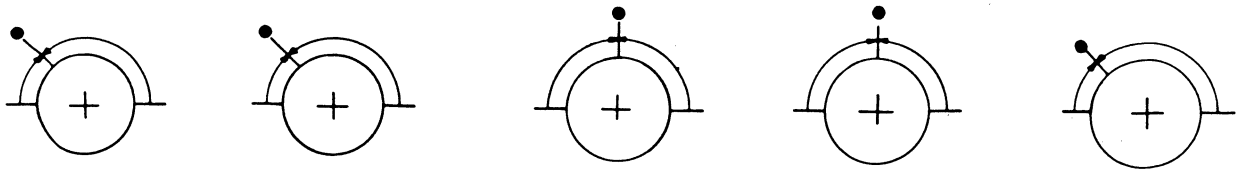
1-6. 10:1 Oscilloscope probe
1:1 Oscilloscope probe

1-7. Focus & tracking gain adjustment jig



2. INITIAL SETTING OF ADJUSTMENT POTENTIOMETERS

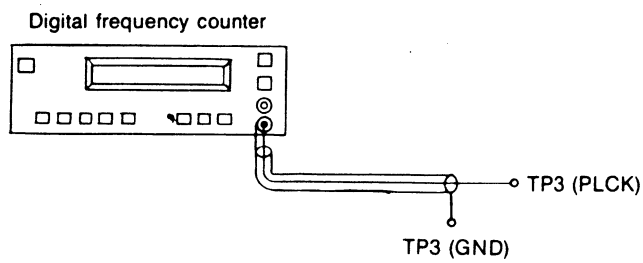
Before adjusting, preset adjustment potentiometers like below.



VR801	VR802	VR803	VR804	VR805
T. BAL	F. OFF	F. G	T. G	VCO

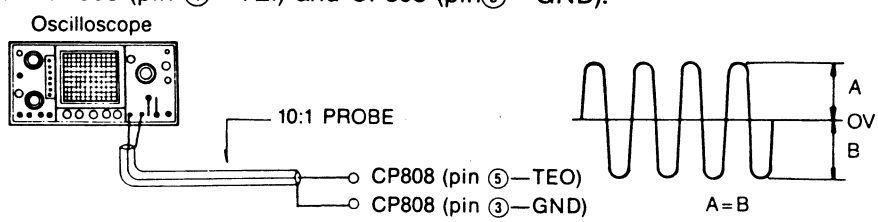
3. PLL (VCO) ADJUSTMENT

(1) Connect digital frequency counter to TP3 (PLCK) and TP3 (GND).
(2) Shortcircuit TP2 (ASY) and TP2 (GND).
(3) Adjust VR805 so that the frequency counter reading becomes 4.5 MHz (± 10KHz).



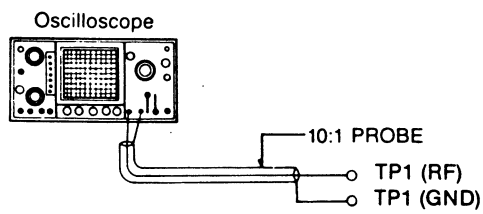
4. E-F BALANCE ADJUSTMENT

(1) Connect the oscilloscope to CP808 (pin ⑤—TEO) and CP808 (pin ③—GND).
(2) Place test disc on turntable.
(3) Shortcircuit CP808 (pin ④—TEI) and CP808 (pin ③—GND).
(4) Adjust VR801 so that the amplitude above and below the zero DC line becomes equal (amplitude A = B).
(5) Open circuit CP808 (pin ④—TEI) and CP808 (pin③—GND).



5. FOCUS OFFSET ADJUSTMENT (without jitter meter)

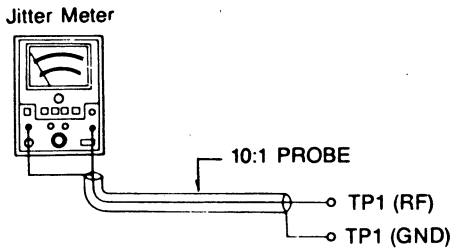
(1) Place test disc on the turntable.
(2) Put unit into play mode.
(3) Connect oscilloscope to TP1 (RF) and TP1 (GND).
(4) Adjust VR802 so that eye pattern become clear and waveform (Vp-p) is maximum.



NOTE: When confirming eye pattern, you have to use 10:1 probe.

6. FOCUS OFFSET ADJUSTMENT (with jitter meter)

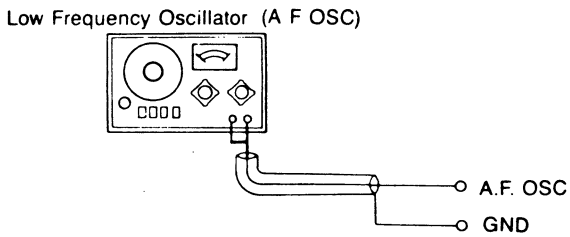
(1) Connect the jitter meter to TP1 (RF) and TP1 (GND), set the input selection switch of jitter meter to position of "x 10".
(2) Place test disc on the turntable.
(3) Put unit into play mode.
(4) Adjust VR802 so that the jitter meter reading is minimum.



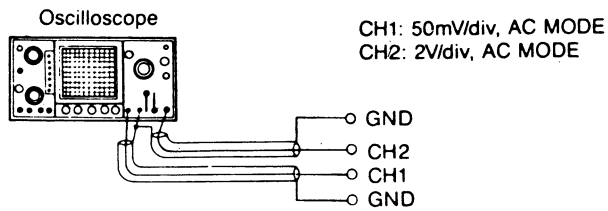
NOTE: Jitter meter must have input "x10" made selection switch.

7. FOCUS GAIN ADJUSTMENT (with jig)

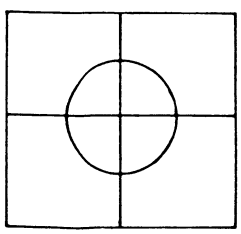
(1) Connect CN808 from gajn adjustment jig to CP808 on the main P.C. board pin to pin.
(2) Connect audio frequency oscillator to A.F. OSC terminal and GND on the gain adjustment jig. Set the audio frequency oscillator output to 600 Hz, 4 VRMS.



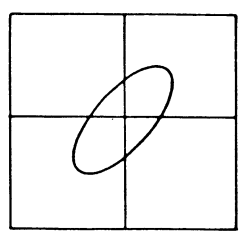
(3) Connect oscilloscope to CH1, CH2 and GND on the main P.C. board.



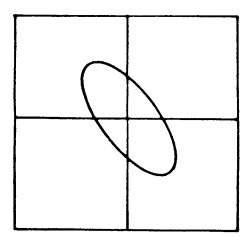
(4) Insert test disc and put unit into play mode on track.
(5) Set switch SW2 on the gain adjustment jig to the position of "F".
(6) Set switch SW1 on.
(7) Adjust VR803 so that the waveform on the oscilloscope becomes like below.



Good adjustment
(Optimum focus gain)



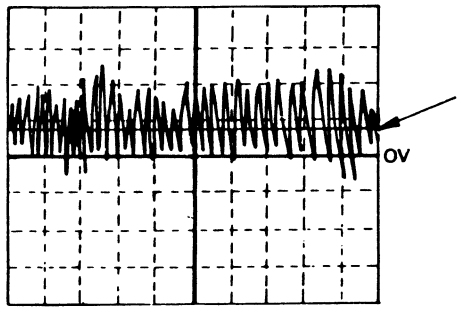
Bad adjustment
(In the case of low focus gain)



Bad adjustment
(In the case of high focus gain)

8. FOCUS GAIN ADJUSTMENT (without jig)

(1) Connect the oscilloscope to CP808 (pin ②—FEO) and CP808 (pin ③—GND)
(2) Insert test disc and put unit into play mode on track.
(3) Adjust VR803 so that the waveform on the oscilloscope becomes like below.

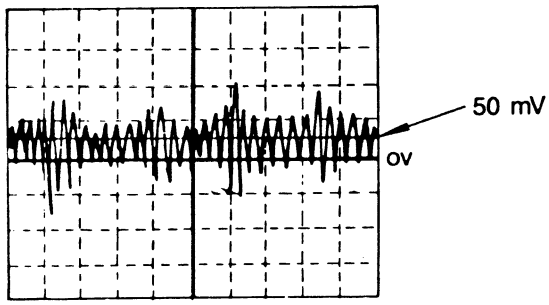


100mV/div.: Volt/div.
2mS/div.: Time/div.

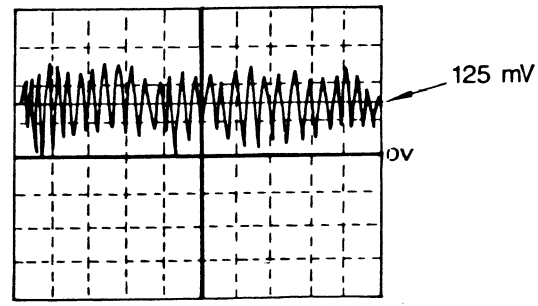
80 mV (The DC level of FEO waveform)

NOTE: According to VR803 setting position, DC level of waveform varies.

Good adjustment
(Optimum focus gain)



Bad adjustment
(In the case of high focus gain)

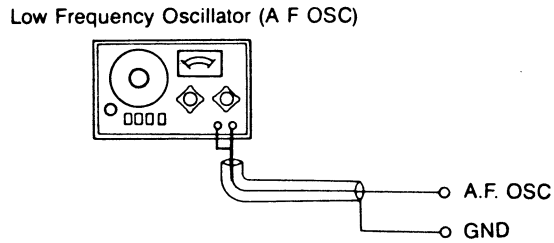


Bad adjustment
(In the case of low focus gain)

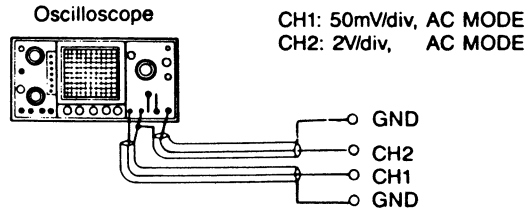
(4) This method will be convenient in the field. In spite of simple method, this method will not make serious problems.

9. TRACKING GAIN ADJUSTMENT (with jig)

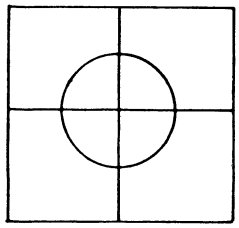
(1) Connect CN808 from gain adjustment jig to CP808 on the main P.C. board pin to pin.
(2) Connect audio frequency oscillator to A.F. OSC terminal and GND on the gain adjustment jig. Set the audio frequency oscillator output to 600 Hz, 4 VRMS.



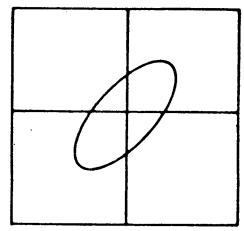
(3) Connect oscilloscope to CH1, CH2 and GND on the main P.C. board.



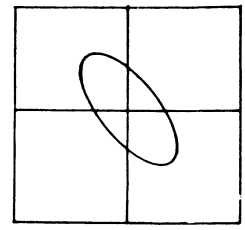
(4) Insert test disc and put unit into play mode on track.
(5) Set switch SW2 on the gain adjustment jig to the position of "T".
(6) Set switch SW1 on.
(7) Adjust VR804 so that the waveform on the oscilloscope becomes like below.



Good adjustment
(Optimum tracking gain)



Bad adjustment
(In the case of low tracking gain)



Bad adjustment
(In the case of high tracking gain)

PIN DESCRIPTION OF CXD1130Q (IC805)

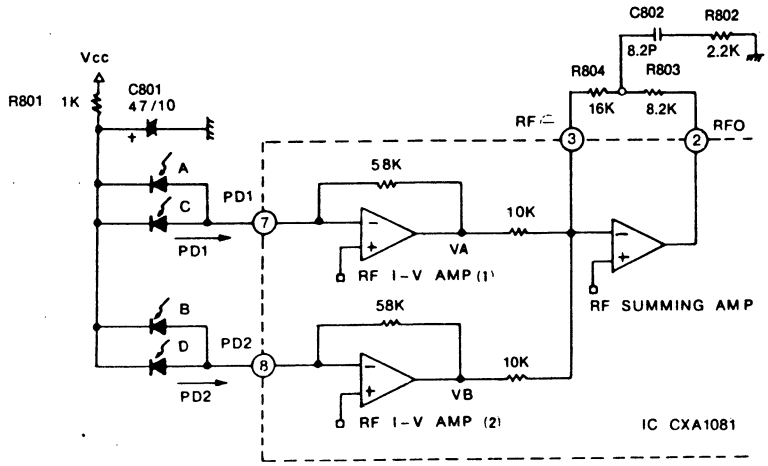
No.	Symbol	I/O	Description
1	FSW	O	Pin 1 output is switched constant when the output filter of the spindle motor is energized.
2	MON	O	ON/OFF control for spindle motor.
3	MDP	O	Spindle motor drive. Provides rough control during CLV-S mode and phase control during CLV-P mode.
4	MDS	O	Spindle motor drive. Controls speed during CLV-P mode.
5	EFM	I	EFM signal from RF amplifier.
6	ASY	O	Controls slice level of the EFM signal.
7	LOCK	O	The output of pin 7 reflects the status of the GFS signal which is sampled at WFCK/16. When the GFS signal is "H", the output of pin 7 is also "H", but, when the signal has remained "L" for at least 8 samples, the output of pin 7 is "L".
8	VCOO	O	When VCO locks to EFM signal, the frequency becomes 8.6432 MHz.
9	VCOI	I	VCO input.
10	TEST	I	(OV)
11	PDO	O	The output of Pin 11 provides phase comparison of EFM signal and VCO/2.
12	Vss	—	GND (OV)
13	CLK	I	Pin 13 provides serial transmission clock from the CPU. Data is latched on the leading edge of the clock.
14	XLT	I	Pin 14 provides latch input from the CPU. 8-bit shift register data (serial data received from the CPU) is fatched in each of the registors.
15	DATA	I	Serial data from the CPU.
16	XRST	I	System reset ("L")
17	CNIN	I	Tracking pulse input.
18	SENS	O	Output reflecting internal condition as designated by address.
19	MUTG	I	Muting input. MUTG is "L" when ATTM of internal register A is "L" (normal condition.) MUTG is "H" when muting condition is set.
20	CREF	O	Output the results CRC check of subcode Q.
21	EXCK	I	Clock input for subcode serial output.
22	SBSO	O	Serial output of subcode.
23	SUBQ	O	Output of subcode Q.
24	SCOR	O	Output of subcode sync S0+S1.
25	SQCK	I/O	Clock for reading subcode Q.
26	SQEX	I	Input for selecting SQCK.
27	DOTX	O	Digital output ($\overline{\text{WFCK}}$ is output when DO is off or for the CXD1130Q.)
28	GFS	O	Indicates the foame sync lock status.
29	DB08	I/O	Data pin for external RAM. DATA8 (MSB)
30	DB07	I/O	Data pin for external RAM. DATA7
31	DB06	I/O	Data pin for external RAM. DATA6
32	DB05	I/O	Data pin for external RAM. DATA5
33	V_{DD}	—	Power supply (+5V)
34	DB04	I/O	Data pin for external RAM. DATA4
35	DB03	I/O	Data pin for external RAM. DATA3
36	DB02	I/O	Data pin for external RAM. DATA2
37	DB01	I/O	Data pin for external RAM. DATA1 (LSB)
38	RA01	O	Output address of external RAM. ADDR01 (LSB)
39	RA02	O	Output address of external RAM. ADDR02
40	RA03	O	Output address of external RAM. ADDR03

No.	Symbol	I/O	Description
41	RA04	O	Output address of external RAM. ADDR04
42	RA05	O	Output address of external RAM. ADDR05
43	RA06	O	Output address of external RAM. ADDR06
44	RA07	O	Output address of external RAM. ADDR07
45	RA08	O	Output address of external RAM. ADDR08
46	RA09	O	Output address of external RAM. ADDR09
47	RA10	O	Output address of external RAM. ADDR10
48	RA11	O	Output address of external RAM. ADDR11 (MSB)
49	RAWE	O	Writes enable output signal to external RAM. (Active when "L".)
50	RACS	O	Chip select output signal to external RAM. (Active when "L".)
51	C4M	O	Divider output for crystal. f=4.2336 MHz
52	Vss	—	GND (0V)
53	XTAI	I	Input to crystal oscillator circuit. Depending on the mode the frequency is either f=8.4672 or 16.9344 MHz.
54	XTAQ	O	Output from crystal oscillator circuit. Depending on the mode the frequency is either f=6.4672 or 16.9344 MHz.
55	MD1	I	Mode selection input 1.
56	MD2	I	Mode selection input 2.
57	MD3	I	Mode selection input 3.
58	SLOB	I	Code switch input for audio data output. 2's complement output when "L", offset binary output when "H".
59	PSSL	I	Code switch input for audio data output. Serial output when "L", parallel output when "H".
60	APTR	O	Control output for aperture compensation. "H" during R-ch.
61	APTL	O	Control output for aperture compensation. "H" during L-ch.
62	DA01	O	DA01 (LSB of parallel audio data) is output when PSSL="H". C1F1 is output when PSSL="L".
63	DA02	O	DA02 is output when PSSL="H". C1F2 is output when PSSL="L".
64	DA03	O	DA03 is output when PSSL="H". C2F1 is output when PSSL="L".
65	DA04	O	DA04 is output when PSSL="H". C2F2 is output when PSSL="L".
66	DA05	O	DA05 is output when PSSL="H". C2FL is output when PSSL="L".
67	DA06	O	DA06 is output when PSSL="H". C2PO is output when PSSL="L".
68	DA07	O	DA07 is output when PSSL="H". RFCK is output when PSSL="L".
69	DA08	O	DA08 is output when PSSL="H". WFCK is output when PSSL="L".
70	DA09	O	DA09 is output when PSSL="H". $\overline{\text{PLCK}}$ is output when PSSL="L".
71	DA10	O	DA10 is output when PSSL="H". UGFS is output when PSSL="L".
72	DA11	O	DA11 is output when PSSL="H". GTOP is output when PSSL="L".
73	V_{DD}	—	Power supply (+5V)
74	DA12	O	DA12 is output when PSSL="H". RAOV is output when PSSL="L".
75	DA13	O	DA13 is output when PSSL="H". C4LR is output when PSSL="L".
76	DA14	O	DA14 is output when PSSL="H". $\overline{\text{C21O}}$ is output when PSSL="L".
77	DA15	O	DA15 is output when PSSL="H". C21O is output when PSSL="L".
78	DA16	O	DA16 (MSB of parallel audio data) is output when PSSL="H". DATA is output when PSSL="L".
79	WDCK	O	Strobe signal output. Output is 176.4 kHz when DF is on. Output is 88.2 kHz when DF is off or when the chip being used is CXD1125Q.
80	LRCK	O	Strobe signal output. Output is 88.2 kHz when DF is on. Output is 44.1 kHz when DF is off or when the chip being used is CXD1125Q.

DESCRIPTION OF FUNCTIONS

1. RF AMPLIFIER

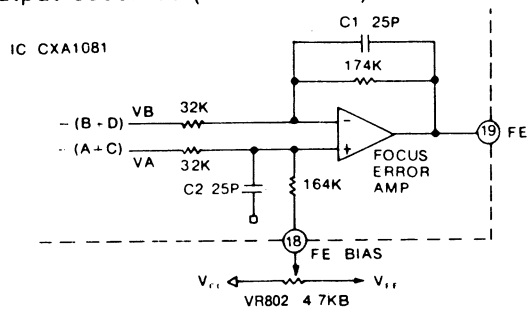
RF I-V amplifiers (1) and (2) are converted to voltage from the signal current of pin photodiodes connected to PD1 and PD2 through the 58KΩ equivalent resistance. Furthermore, it is added in the RF summing amplifier and (A + B + C + D) is output at RFO. At this pin (RFO), the eye pattern can be checked.



The RF amplifier output voltage (low-frequency) is $V_{RFO} = 2.2 \times (V_A + V_B) = 127.6K\Omega \times (iPD1 + iPD2)$. (at RFO)

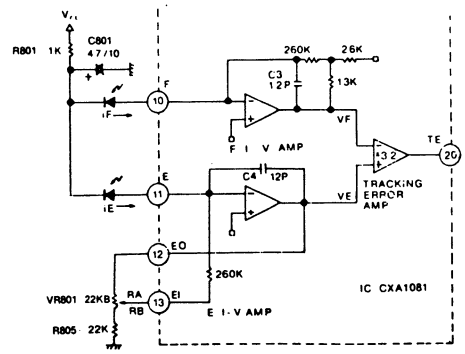
2. FOCUS ERROR AMPLIFIER

The Focus Error Amplifier is the difference between RF I-V amplifier (1) output (A + C) and RF I-V amplifier (2) output (B + D). The output becomes (A + C − B − D).



The FE amplifier output voltage (low-frequency) is $V_{FE} = 5.4 \times (V_A - V_B) = (iPD2 - iPD1) \times 315.4K\Omega$
Note) Maximum common mode rejection is delivered when the composite impedance to GND is about 10KΩ at the external VR of pin ⑱ (VR resistance is about 40KΩ).

3. TRACKING ERROR AMPLIFIER



E I-V amplifier and F I-V amplifier are converted to voltage from the signal current of pin photodiode connected: E and F. The E and F I-V amplifiers output voltage is,

$V_F = iF \times 403K\Omega$, and

$V_E = iE \times 260K\Omega \times R_A/(R_B + 22K) + (R_A + 260K)$.

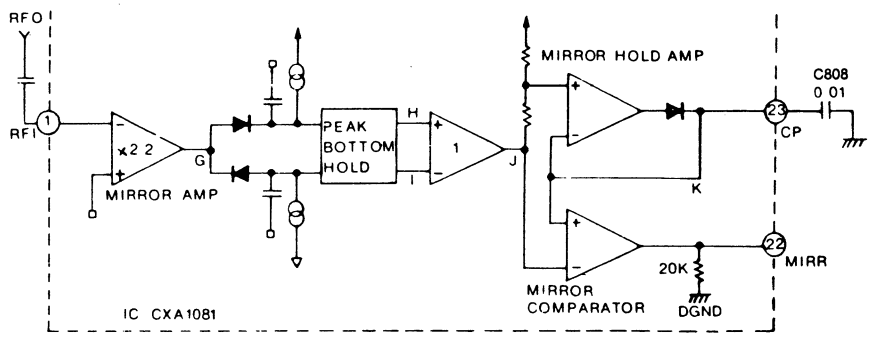
The tracking error amplifier is the difference between the E I-V amplifier output and the F I-V amplifier output, this output is (E-F).

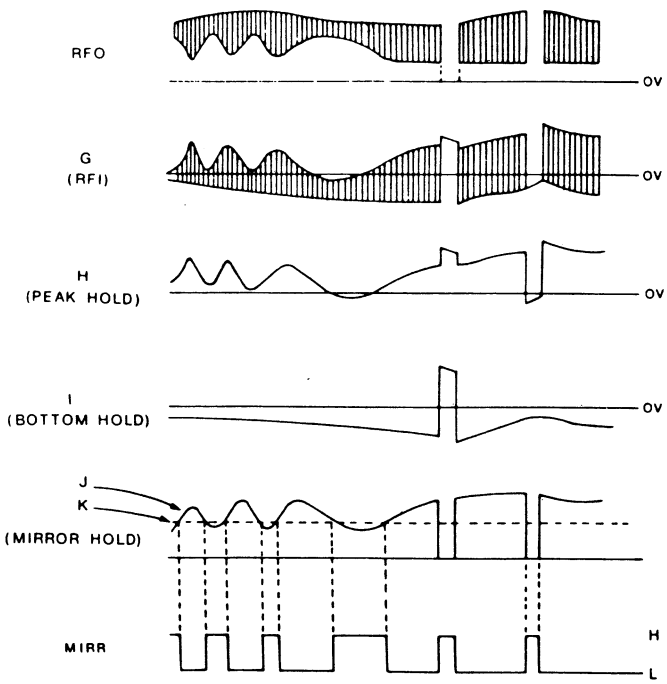
$V_{TE} = (V_E - V_F) \times 3.2$

$= (iE - iF) \times 1290K\Omega$

4. MIRROR CIRCUIT

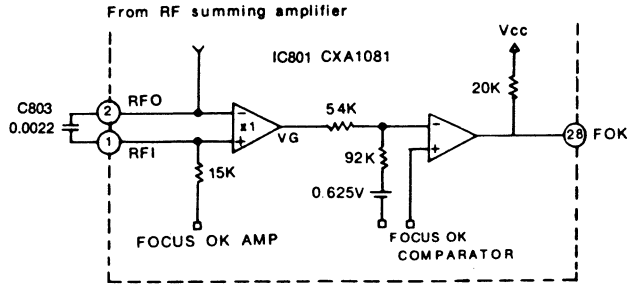
This circuit, after amplifying the RFI signal, holds its bottom and peak. The peak hold is done with a time constant able to track down a 30KHz traverse and the bottom hold. This is done with a time constant able to track down envelope fluctuations in the revolving cycle.





With the differential amplification of these peak and bottom hold signals, H and I, the envelope signal J (demodulated to DC) is obtained. Two-thirds of the peak value of this signal J is held with a large time constant for the signal K. When K is compared with J, a mirror output is obtained. That is, the mirror output gives "L" on the disc track, "H" between tracks (mirror section) and also "H" in the defect detection. The time constant for the mirror hold must be sufficiently larger than that of the traverse signal.

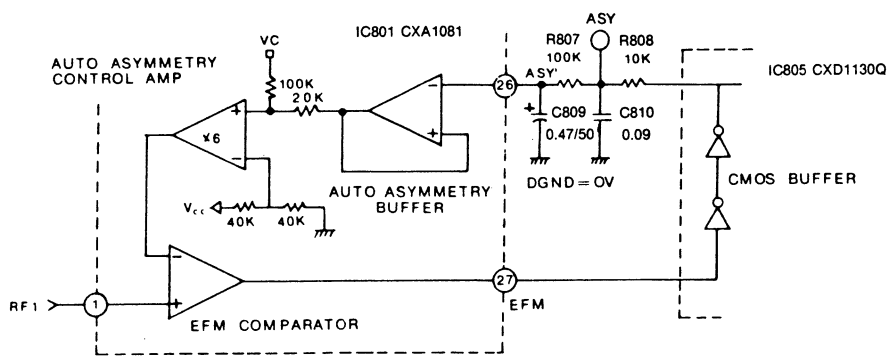
5. FOCUS OK CIRCUIT



The focus OK circuit generates a timing window to look on the focus servo from a focus search status. Pin ① will get the HPF (High Pass Filter) output from an RF signal from Pin ②—the LPF (Low Pass Filter) output (opposit phase) for the focus OK amplifier output.
The focus OK amplifier output is inverted when $V_{RFI} - V_{RFO} = -0.37V$.
C803 is for determining the time constants of HPF in the EFM comparator and mirror circuits as well as LPF in the focus OK amplifier. When 0.0022 μF is selected for C803, fc (cut-off frequency) = 1 KHz, prevents the block error rate from degenerating as a damaged RF envelope results from the scratched disc, etc.

6. EFM COMPARATOR

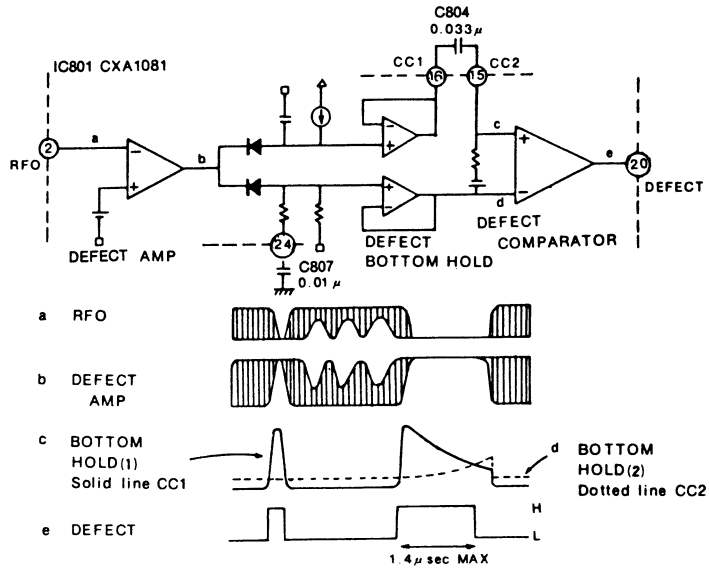
The EFM comparator changes RF signal into a binary value. As the asymmetry generated due to variations in disc manufacturing cannot be eliminated by the AC coupling alone, the reference voltage of EFM comparator is controlled utilizing the fact that the generation probability of 1, 0 is 50% each in the binary EFM signals.



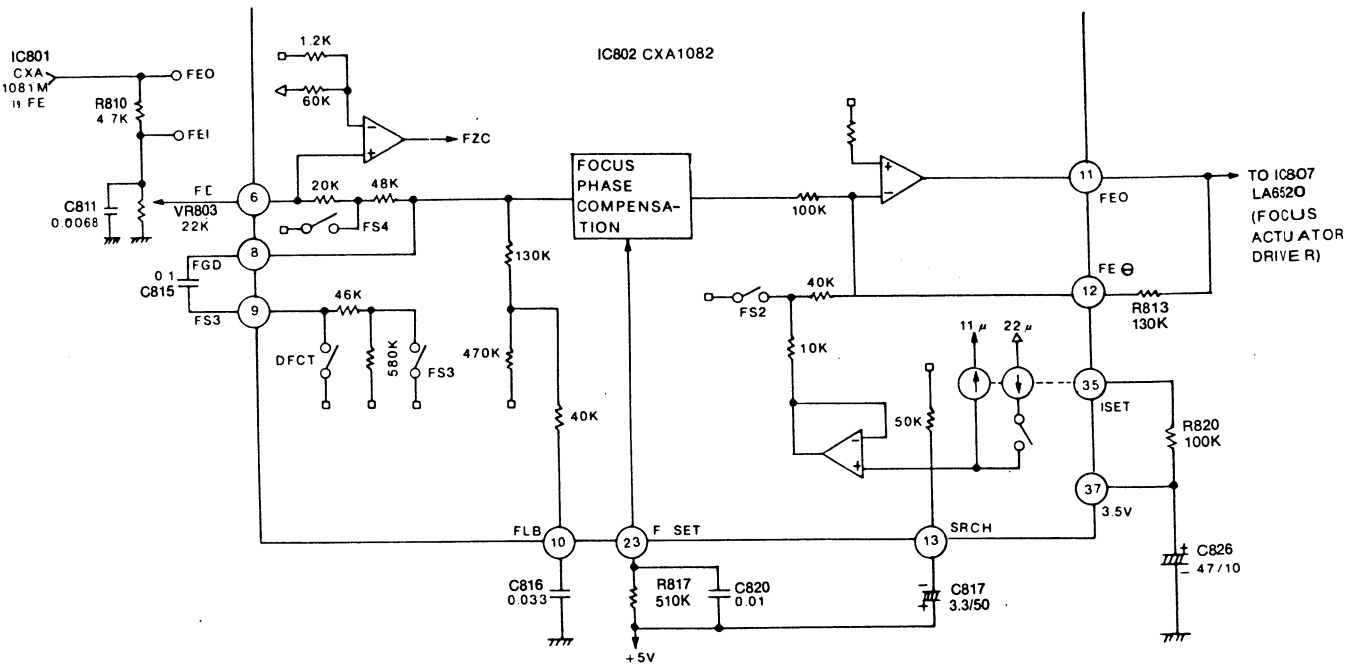
As this comparator is a current SW type, each of the H and L levels does not equal the power supply voltage, requiring feedback through a CMOS buffer.
R807, R808, C809 and C810 form a LPF to obtain (Vcc + DGND)/2V. When fc (out-off frequency) is made more than 500Hz, the EFM low-frequency component leaks dably, degenerating the block error rate.

7. DEFECT CIRCUIT

The RFI signal bottom, after being inverted, is held with two time constants, one long and one short. The short time-constant bottom hold is done for a disc mirror defect more than 0.1 msec. The long time-constant bottom hold is done with the mirror level prior to the defect. By differentiating this with a capacitor coupling and shifting the level, both signals are compared to generate the mirror defect detection signal.



8. FOCUS SERVO SYSTEM



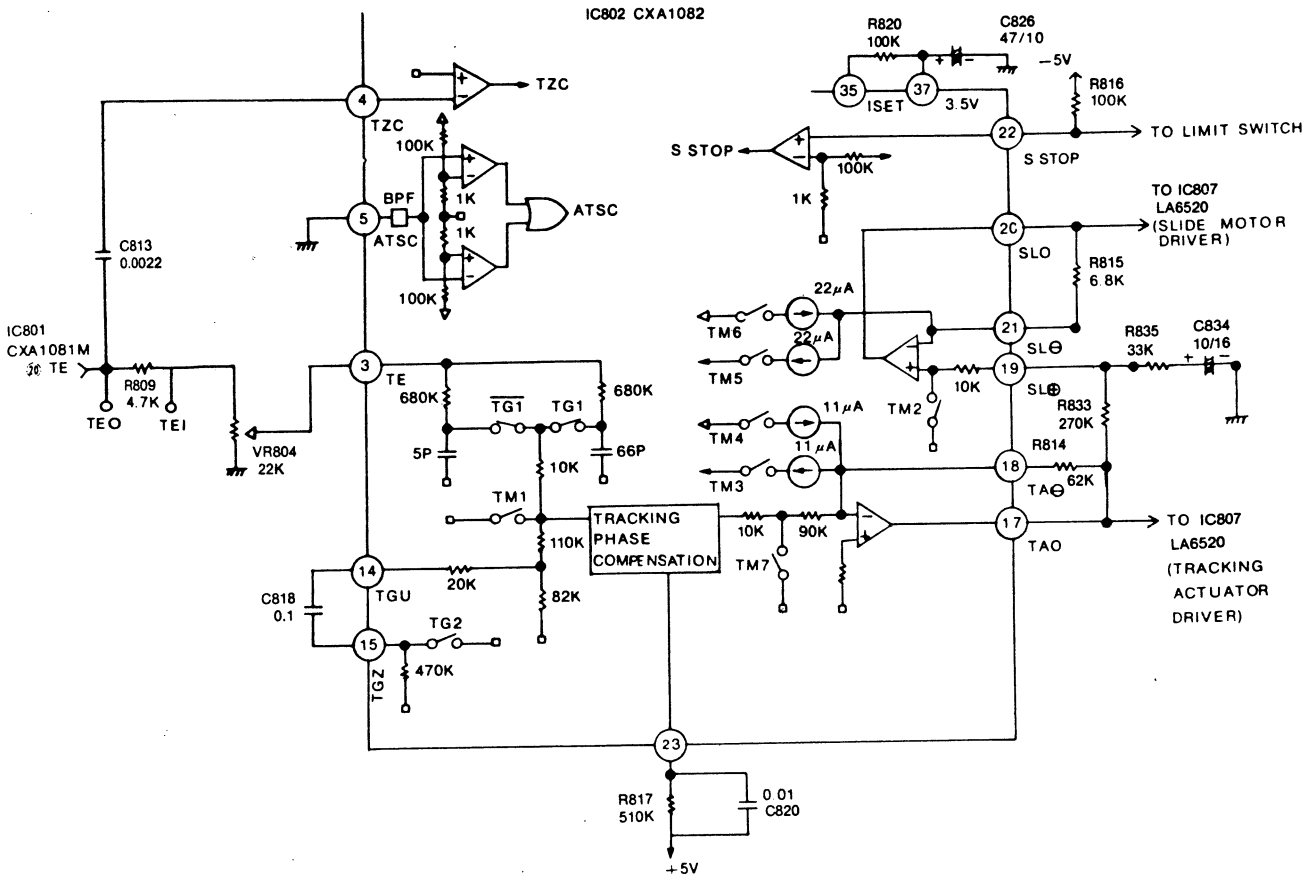
The above is a block diagram of the focus servo system. When FS3 is switched on, the high frequency gain can be reduced by forming a low frequency time constant through a capacitor connected across pins 2 and 3 and the internal resistor.

The capacitor across the pin 10 and GND has a time constant to raise the low frequency usually playback condition. The peak frequency of the focus phase compensation is inversely proportional to the resistor connected to pin 23 (about 1.2KHz when the resistor is 510KΩ).

The focus search peak becomes about ±1.1 Vp-p with the above constant. The peak is inversely proportional to the resistor connected across the pins 35 and 37. However, when this resistor is varied, the peaks of track jump and sled kick also vary.

The FZC comparator invert input is set to 2% of the difference between the reference voltage Vcc and VC (pin 1): 2% × (Vcc − VC).

9. TRACKING SERVO SYSTEM



The above is a block diagram of the tracking sled servo system.
The capacitor across pins 14 and 15 has a time constant to lower the high frequency when TG2 is switched off. The tracking phase compensation peak frequency is inversely proportional to the resistor connected to pin 23 (about 1.2KHz when the resistor is 510KΩ).
For a tracking jump in the FWD or REV direction, TM3 or TM4 are set to ON. At this time, the peak voltage fed to the tracking coil is determined by the TM3 and TM4 current values and the feedback resistor from pin 18. That is:

Track jump peak voltage = TM3 (TM4) current value × feedback resistor value

The FWD or REV sled kick is done by setting TM5 or TM6 to ON. At this time, the peak voltage added to the sled motor is determined by the TM5 or TM6 current value and the feedback resistor from pin 21.

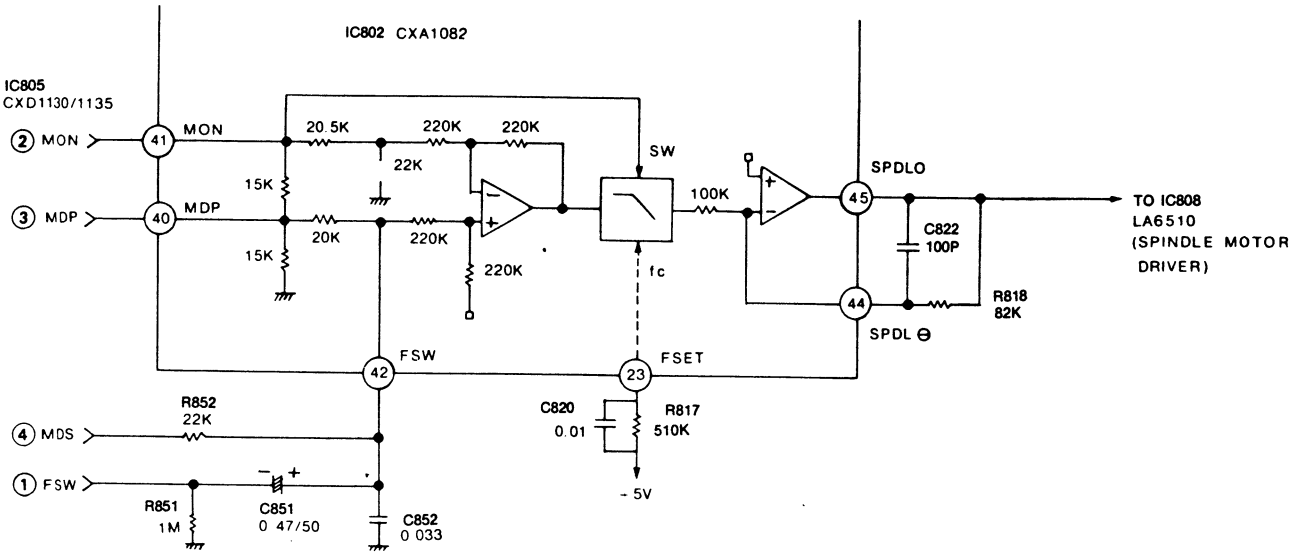
Sled jump peak voltage = TM5 (TM6) current value × feedback resistor value

Each SW current value is determined by the resistor connected to pins 35 and 37.
When the resistor is at about 120KΩ.

TM3 or TM4 is ±11μA and TM5 or TM6 is ±22μA.

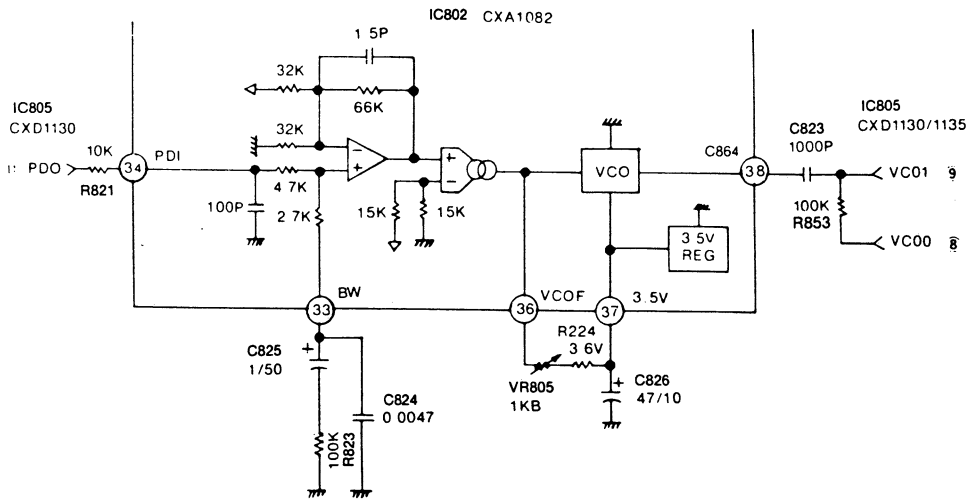
This current value is almost inversely proportional to the resistor, variable within a range of about 5 to 40 μA for TM3.
S STOP is the ON/OFF detection signal for the limit SW of the sled motor's innermost circumference.

10. SPINDLE SERVO AND LPF



The 200Hz LPF is formed with 0.033μF and 20KΩ connected to pin 42 and the secondary LPF is formed with the built-in LPF (fc up to 200Hz with 510KΩ for pin 23), and the carrier component of the CLV servo error signals MDS and MDP is eliminated.
In the CLV-S mode, FSW becomes L and the pin 42 LPF fc lowers, strengthening the filter further. With the pin 23 resistor connected to Vcc, fc does not vary with power supply voltage fluctuations.

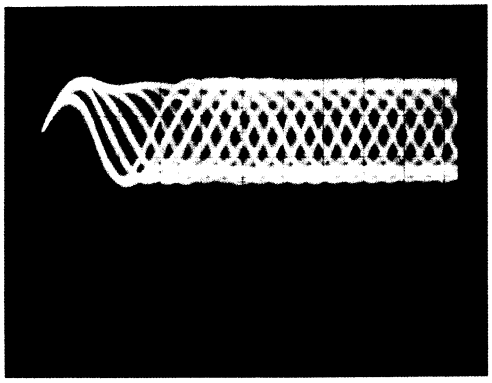
11. VCO LOOP FILTER & 8.64MHz VCO



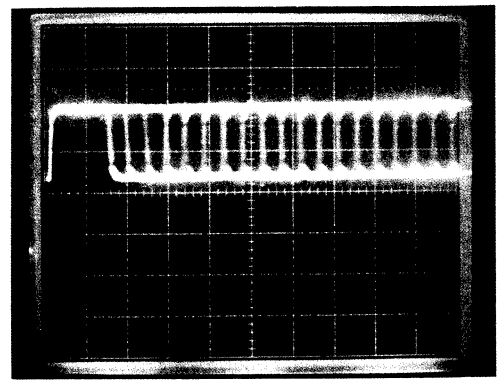
The phase compensation output PDD input from pin 34 has its PWM carrier component removed in the loop filter. Then, the V-I conversion is made and the free-running frequency setting current from pin 36 is added to control the VCO frequency. The VCO self-running frequency is almost inversely proportional to the resistor across pins 36 and 37. This resistor is set so that the PLL capture range center matches the 4.3218MHz at pin 70 of the CXD1135/1130.

MAJOR WAVEFORM

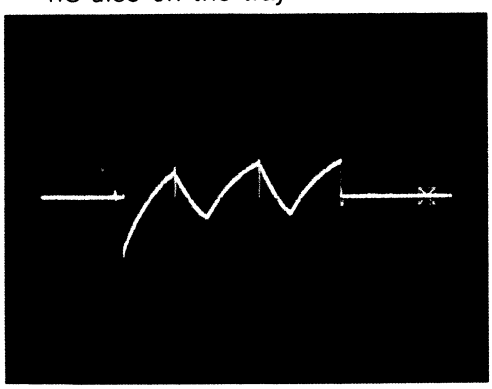
1. HF signal (RF signal) waveform (test point TP1) during normal play



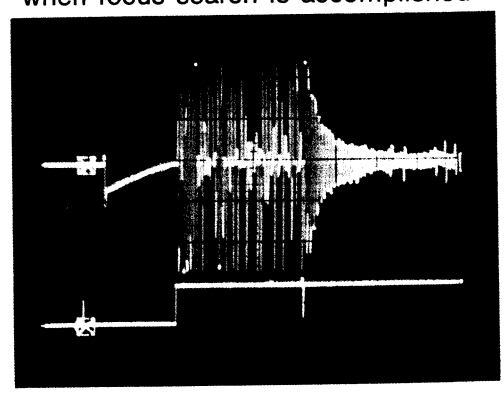
2. EFM signal (pin NO. ㉗ of IC801) waveform during normal play



3. Focus coil drive waveform (pin NO. ③ of IC807)
•When focus search failed or there is no disc on the tray



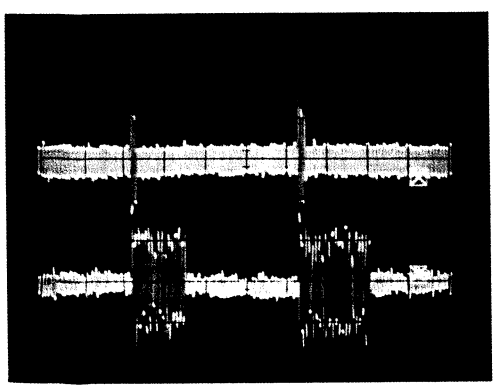
•Focus coil drive waveform (pin NO. ③ of IC807) and FOK (pin NO. ㉘ of IC801) when focus search is accomplished



CH1: FOCUS COIL DRIVE SIGNAL 2V/Div.
CH2: FOK

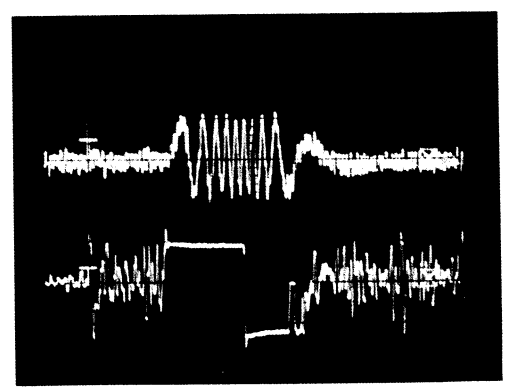
4. Tracking coil drive waveform (pin NO. ⑥ of IC807) and TEO during track traverse

(1) When time division is 20mS/div.



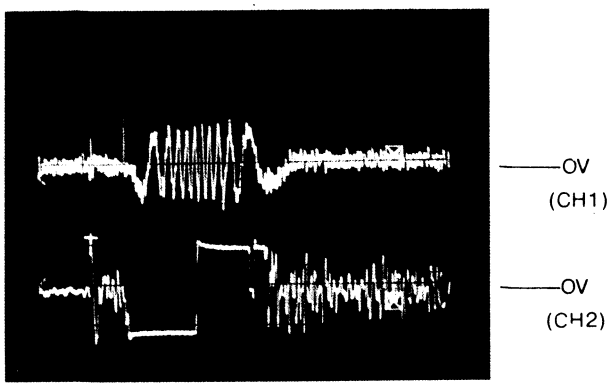
CH1: TEO 1V/div.
CH2: TRACKING COIL DRIVE SIGNAL 2V/div.

(2) When time division is 0.5mS/div. (During forward track traverse)



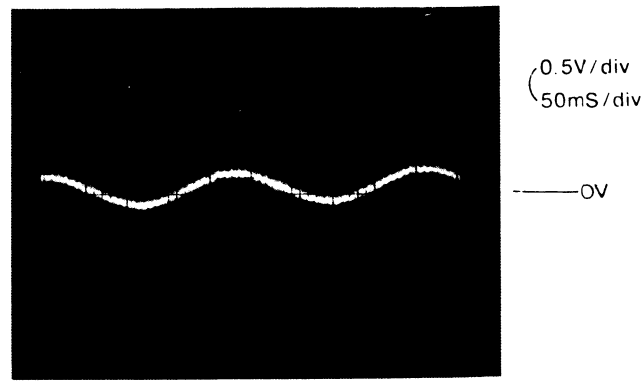
CH1: TEO 1V/div.
CH2: TRACKING COIL DRIVE SIGNAL 2V/div.

(3) When time division is 0.5mS/div.
(During backward track traverse)



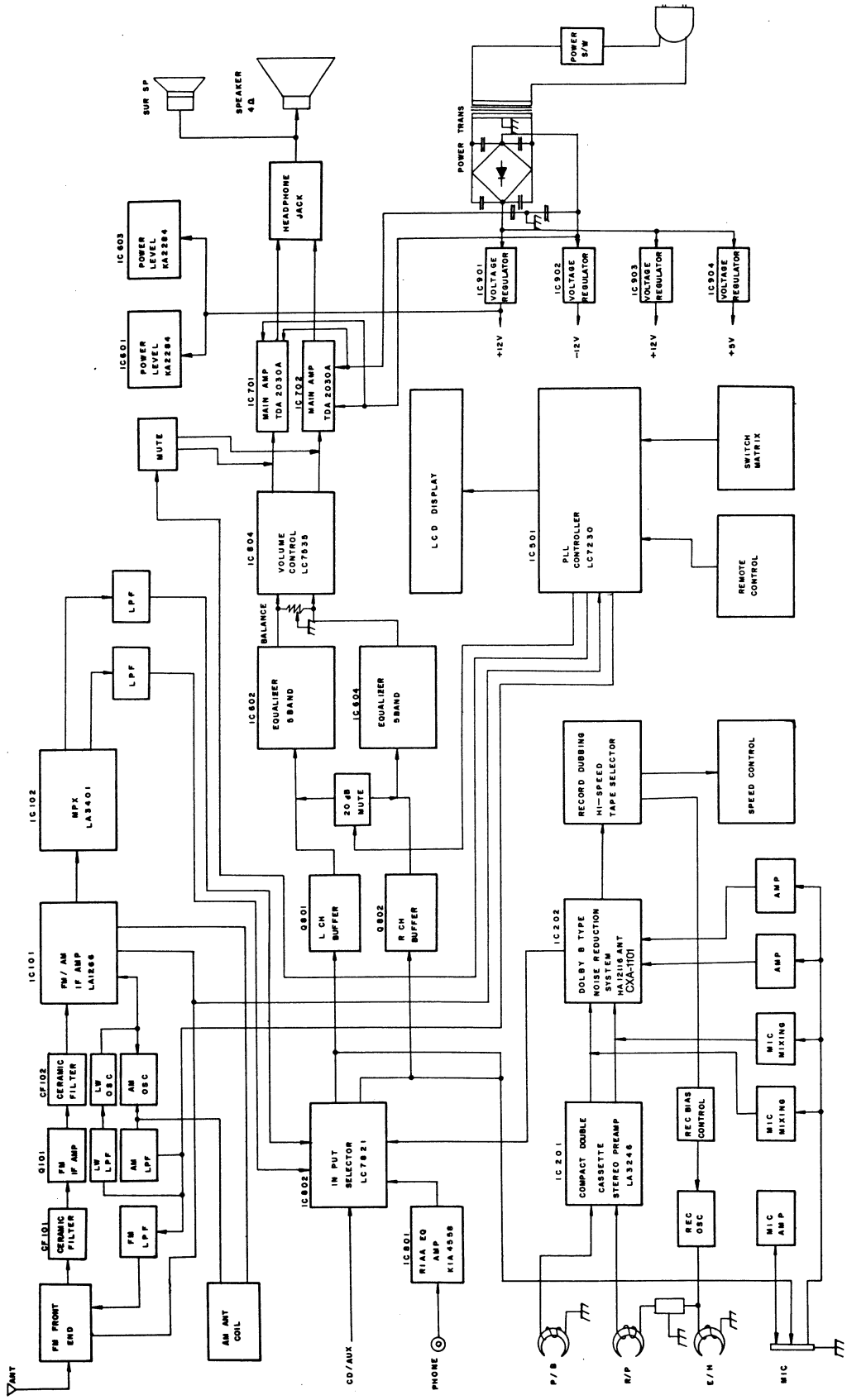
CH1: TEO
1V/div.
CH2: TRACKING COIL DRIVE SIGNAL
2V/div.

5. Feed motor drive waveform (pin NO. ⑪
of IC807) During normal play

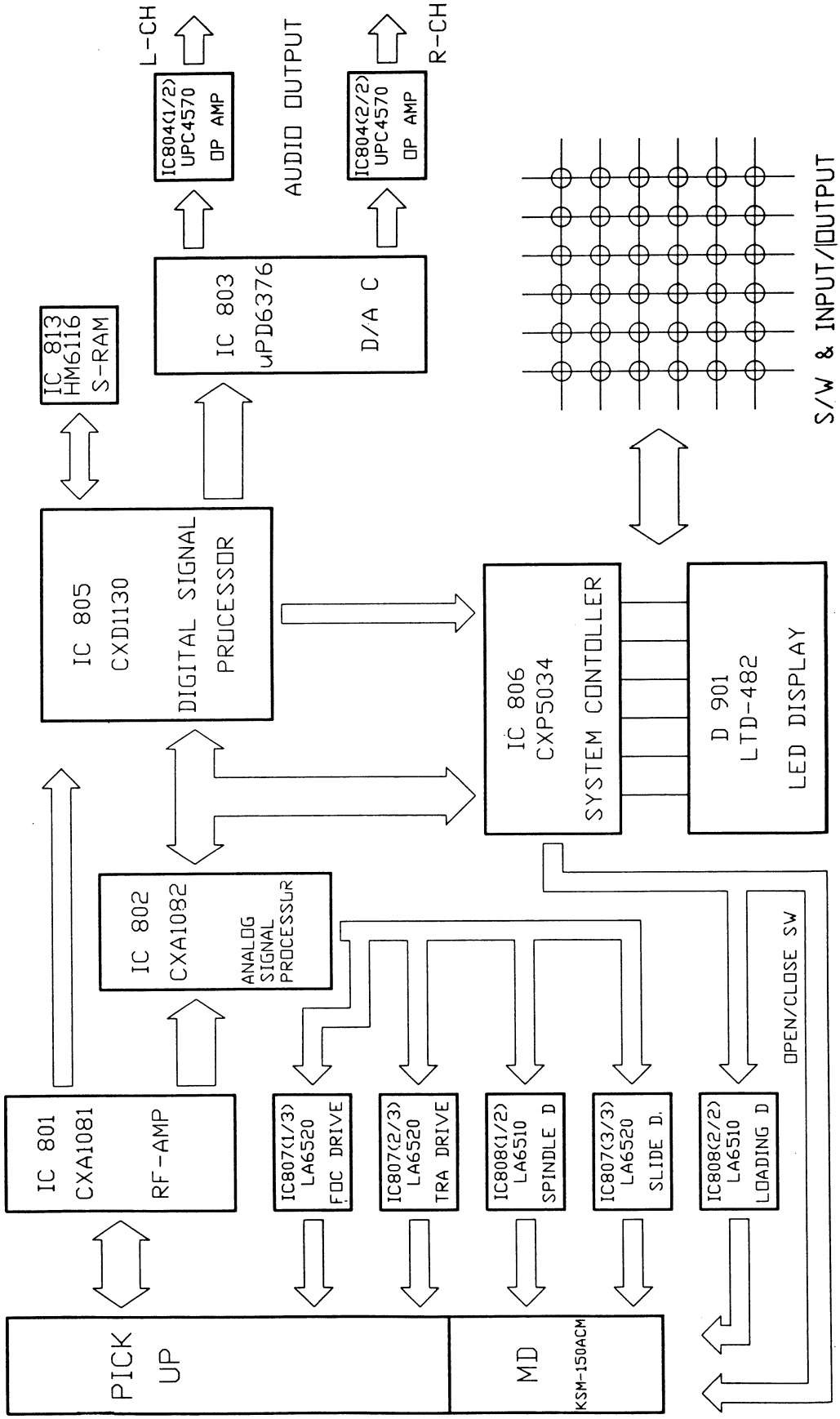


BLOCK DIAGRAM

•AUDIO SECTION

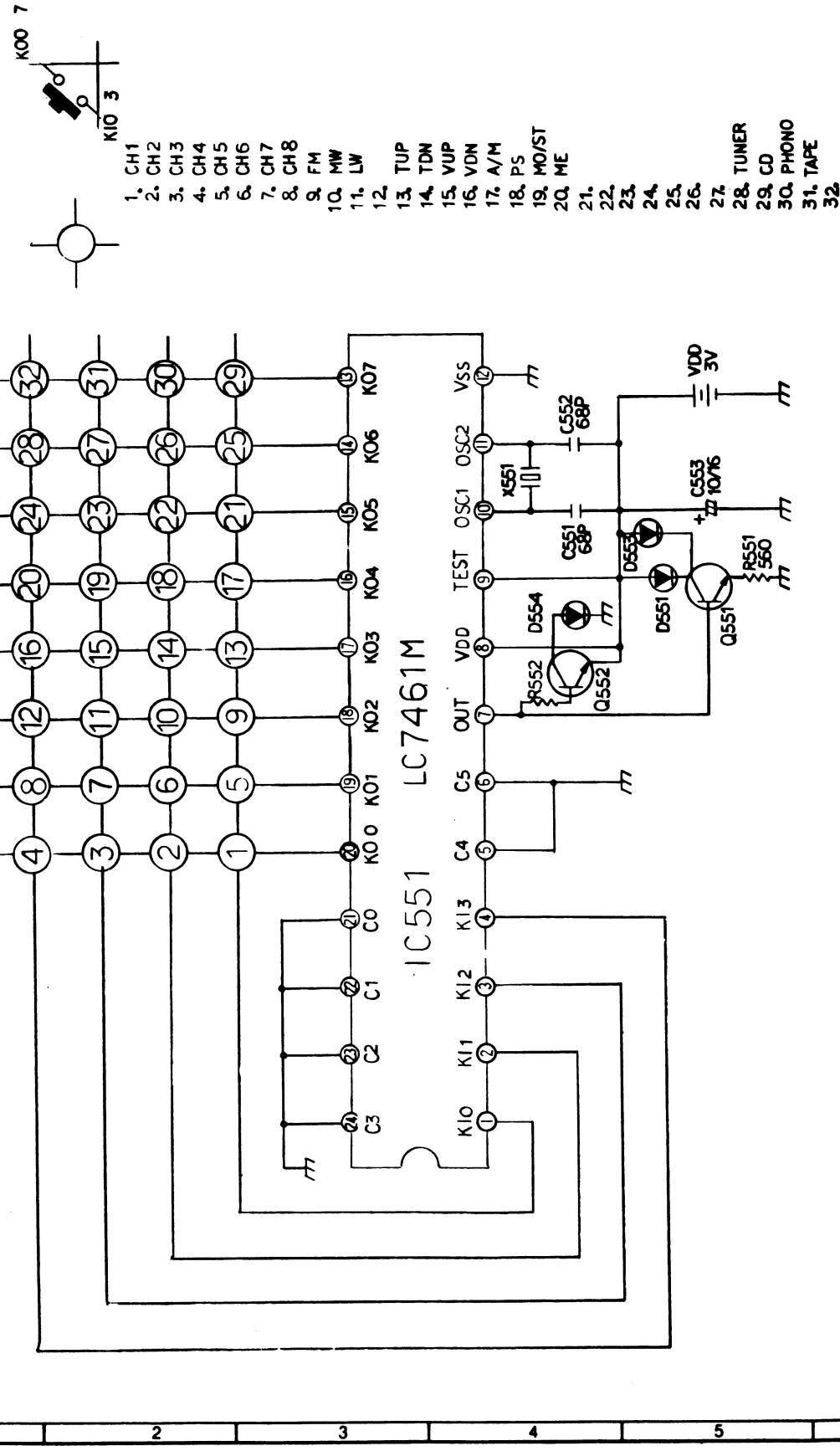


•CDP SECTION


L-CH
R-CH
AUDIO OUTPUT
IC804(1/2) UPC4570 OP AMP
IC804(2/2) UPC4570 OP AMP
IC 813 HM6116 S-RAM
IC 803 uPD6376 D/A C
S/W & INPUT/OUTPUT
IC 805 CXD1130 DIGITAL SIGNAL PROCESSOR
IC 806 CXP5034 SYSTEM CONTOLLER
D 901 LTD-482 LED DISPLAY
IC 802 CXA1082 ANALOG SIGNAL PROCESSUR
IC 801 CXA1081 RF-AMP
IC807(1/3) LA6520 FOC DRIVE
IC807(2/3) LA6520 TRA DRIVE
IC808(1/2) LA6510 SPINDLE D
IC807(3/3) LA6520 SLIDE D.
IC808(2/2) LA6510 LOADING D
OPEN/CLOSE SW
PICK UP
MD
KSM-150ACM

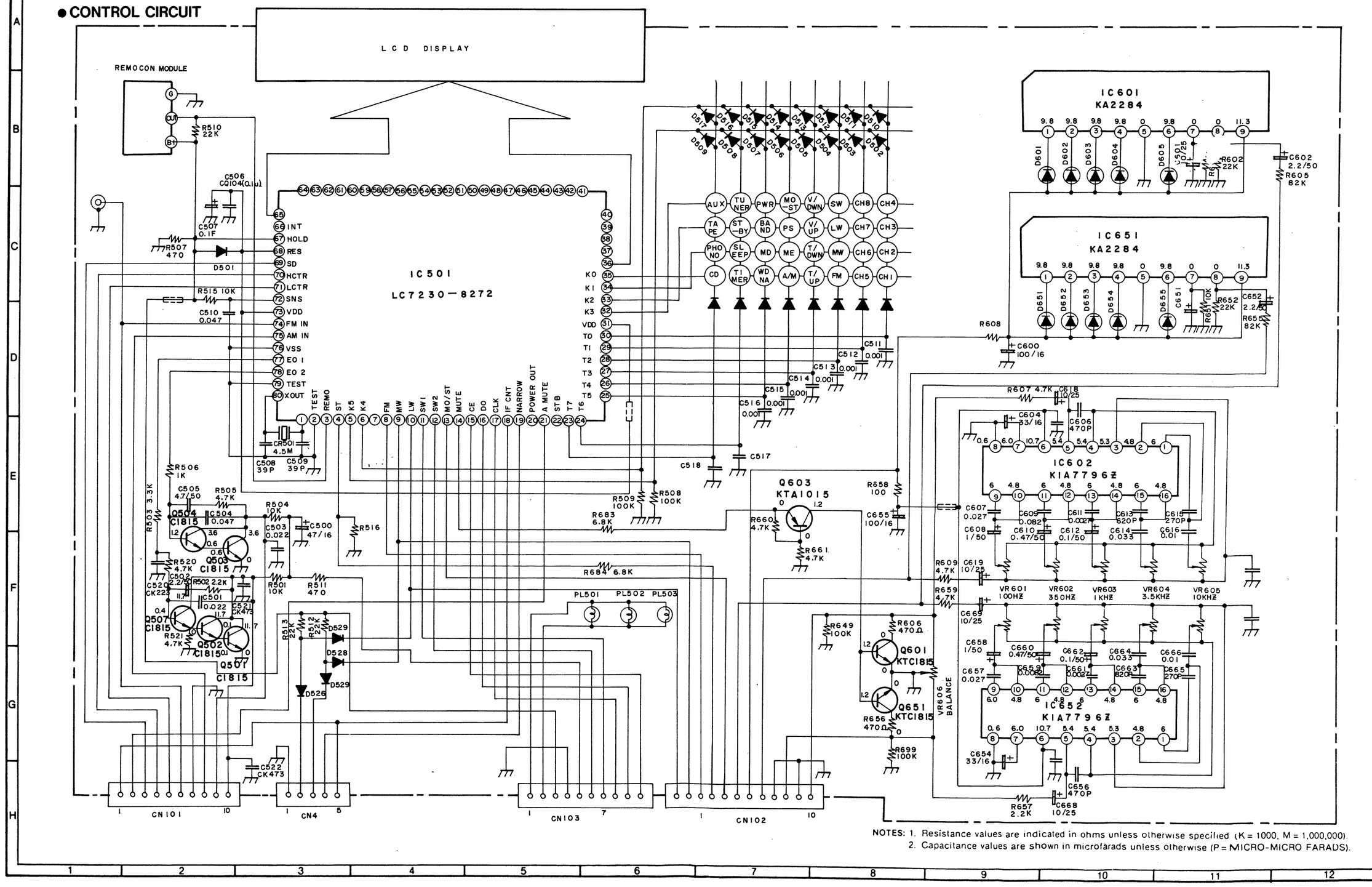
SCHEMATIC DIAGRAM

• REMOTE CONTROL TRANSMITTER CIRCUIT



SCHEMATIC DIAGRAM

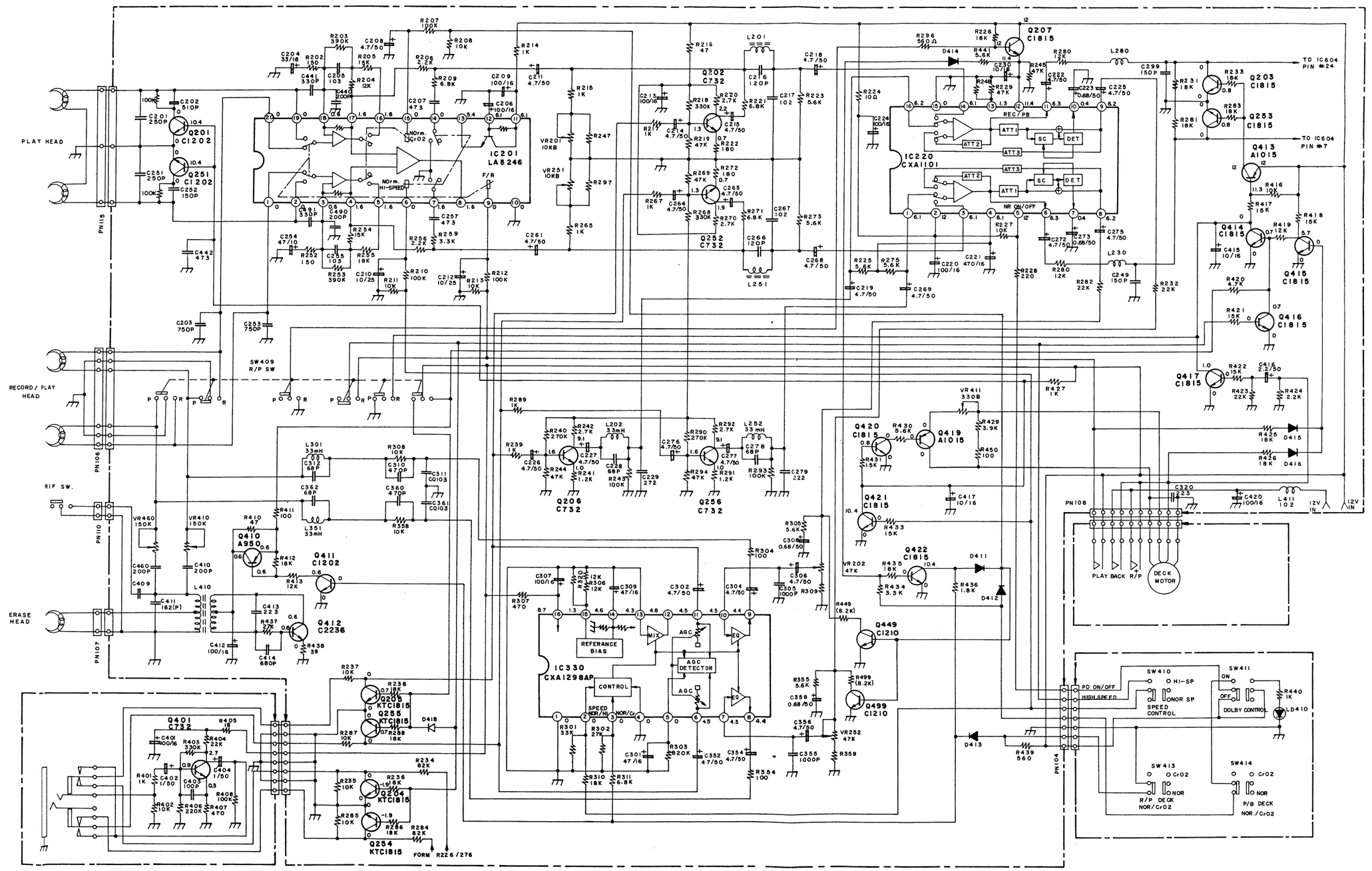
● CONTROL CIRCUIT



NOTES: 1. Resistance values are indicated in ohms unless otherwise specified (K = 1000, M = 1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P = MICRO-MICRO FARADS).

SCHEMATIC DIAGRAM

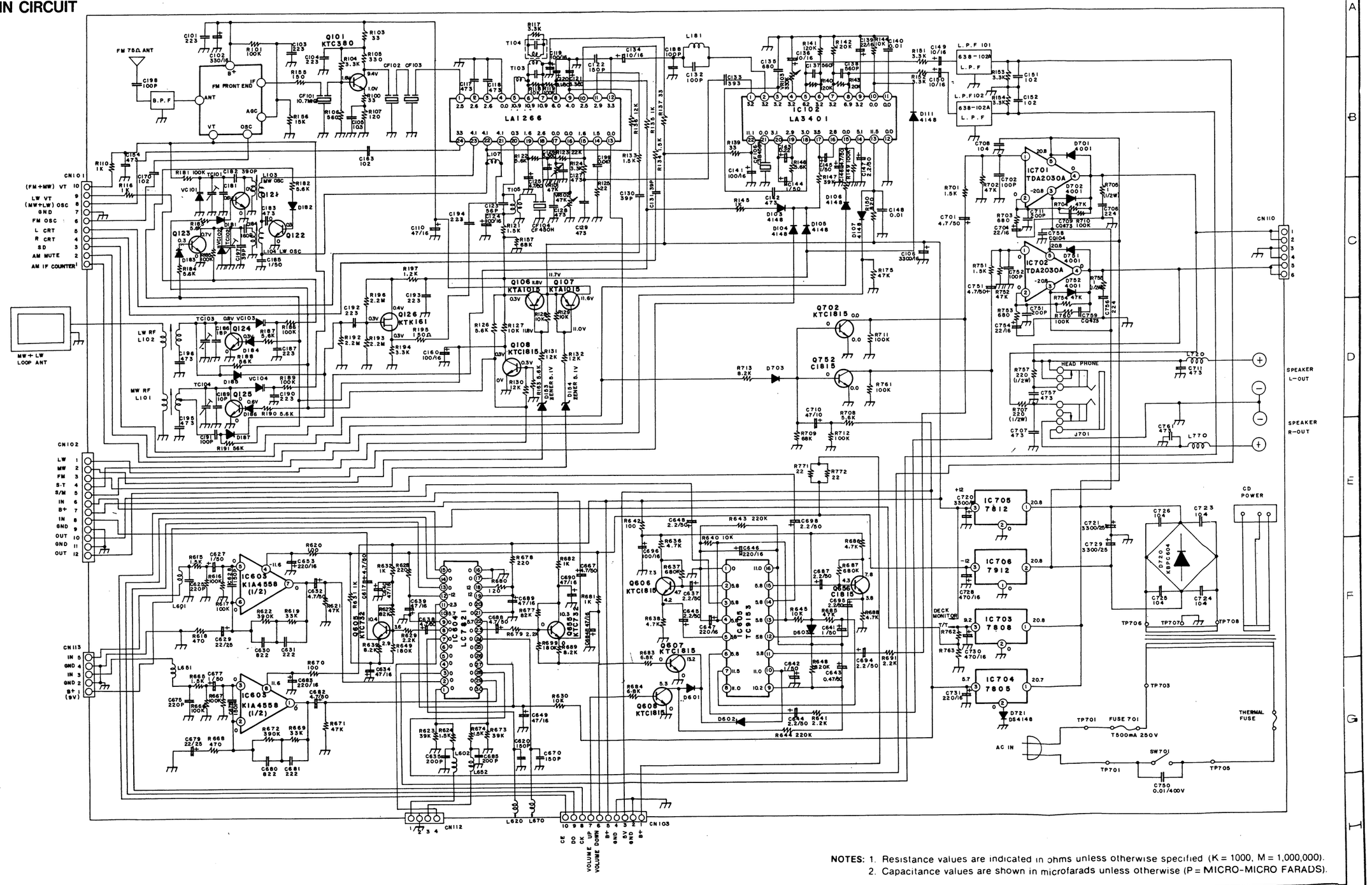
● DECK CIRCUIT



NOTES: 1. Resistance values are indicated in ohms unless otherwise specified (K = 1000, M = 1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P = MICRO-MICRO FARADS).

SCHEMATIC DIAGRAM

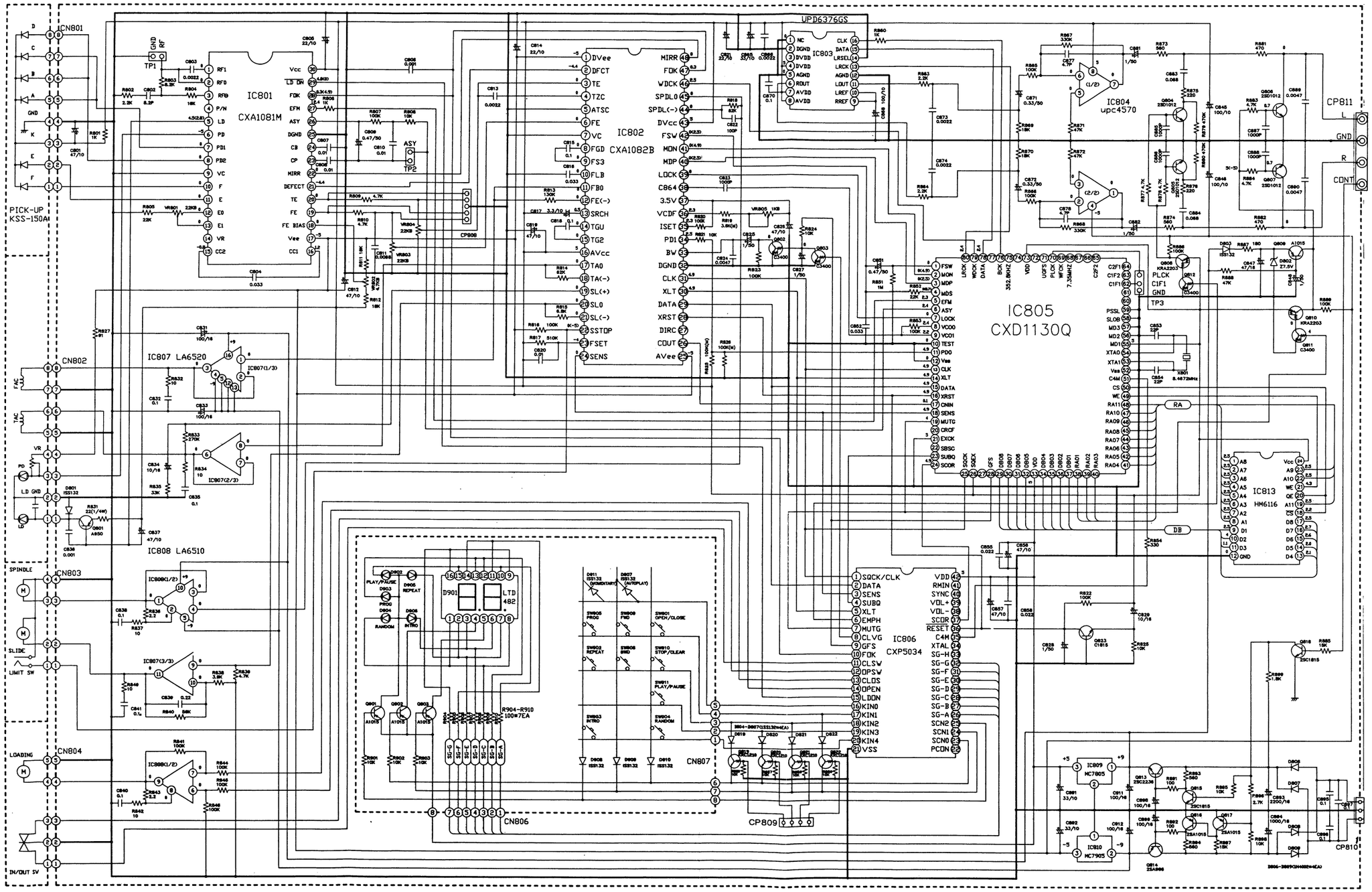
● MAIN CIRCUIT



NOTES: 1. Resistance values are indicated in ohms unless otherwise specified (K = 1000, M = 1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P = MICRO-MICRO FARADS).

SCHEMATIC DIAGRAM

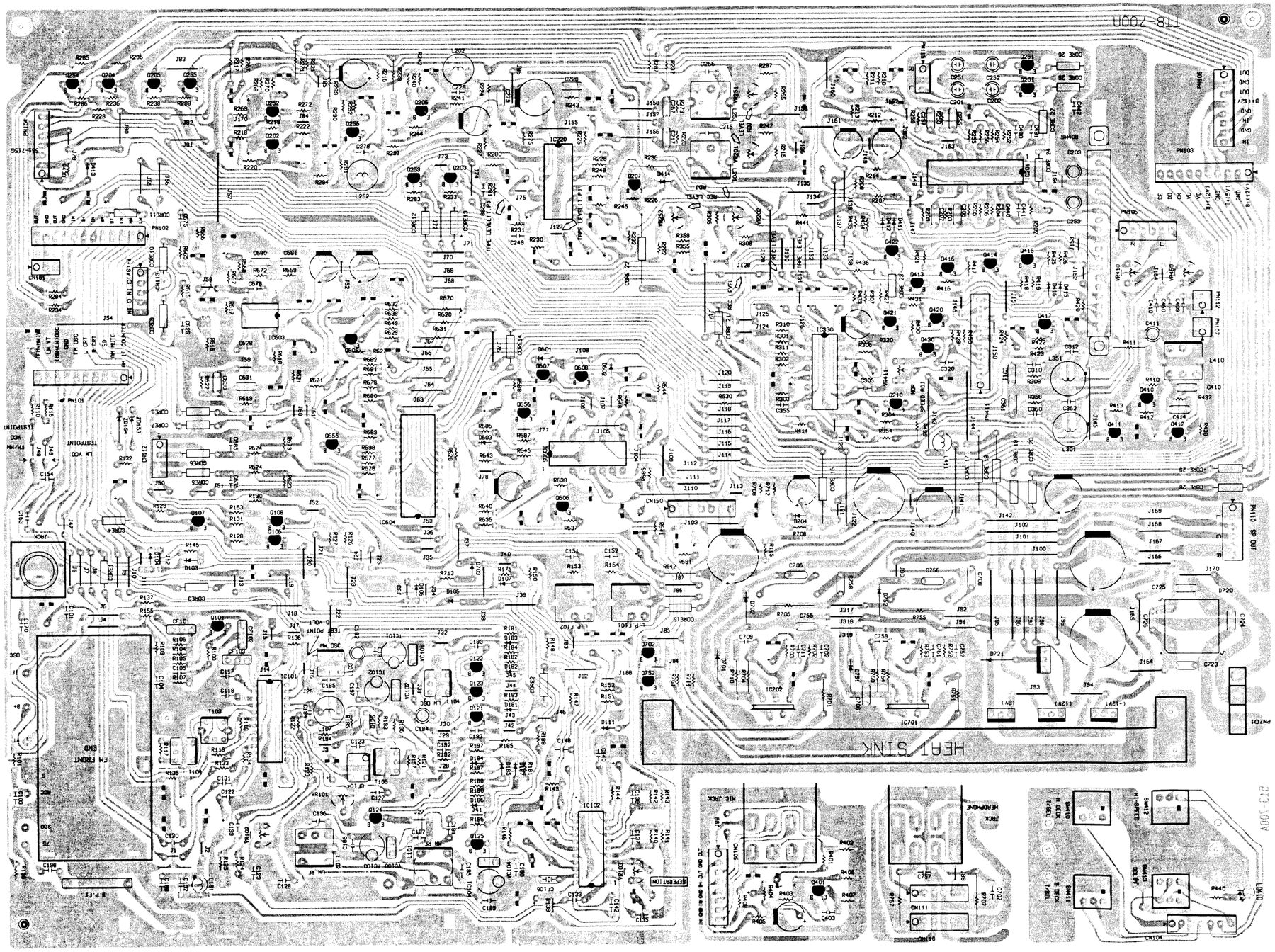
• CDP CIRCUIT



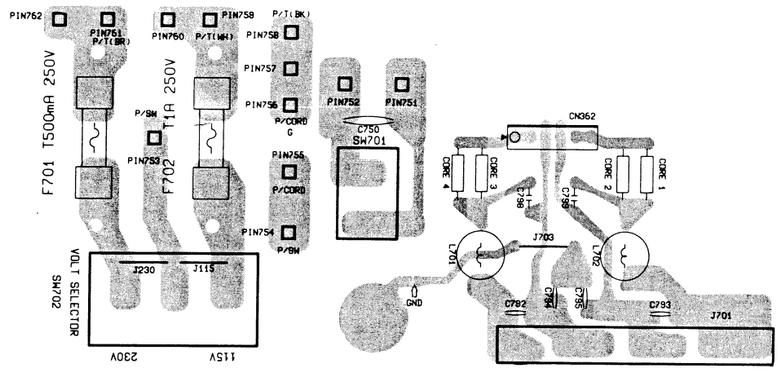
NOTES: 1. Resistance values are indicated in ohms unless otherwise specified (K = 1000, M = 1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P = MICRO-MICRO FARADS).

PCB LAYOUT

● MAIN P.C.BOARD

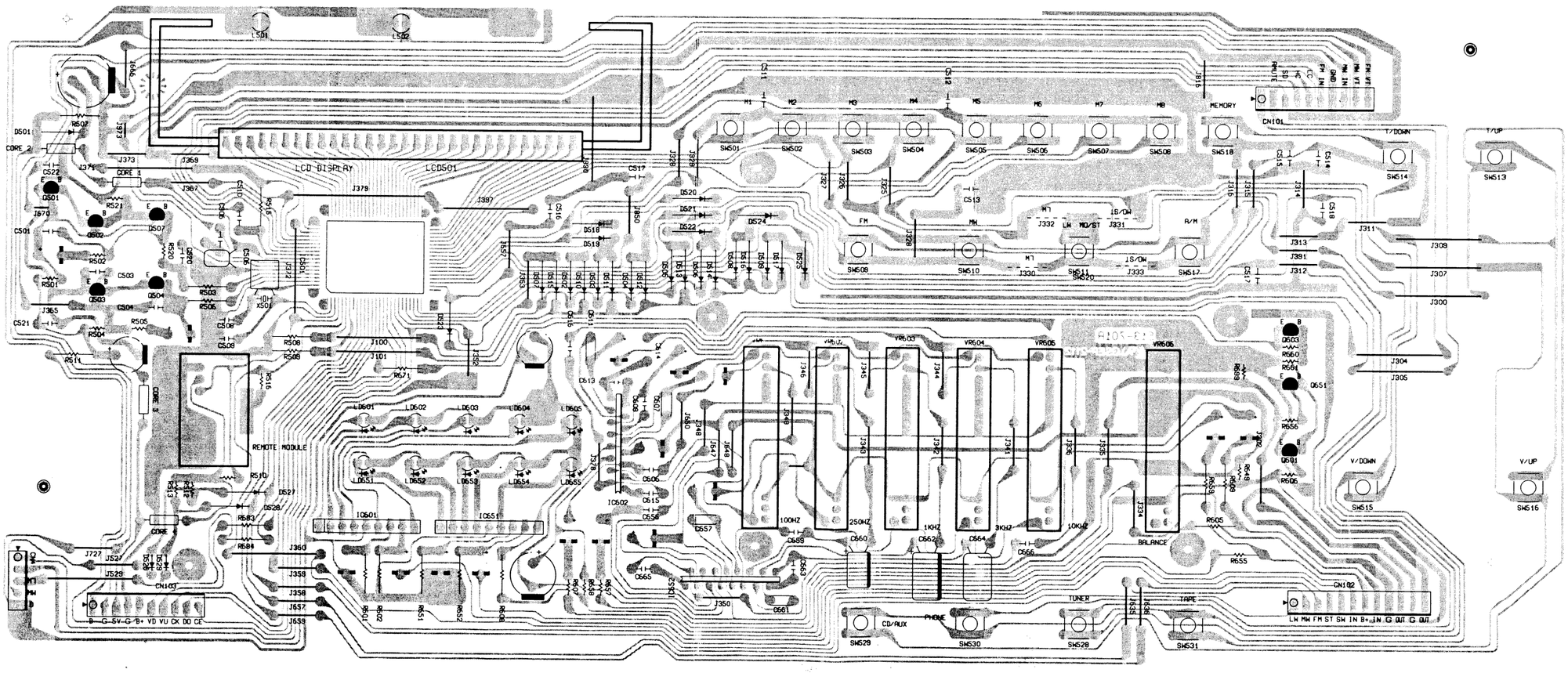


• POWER P.C. BOARD

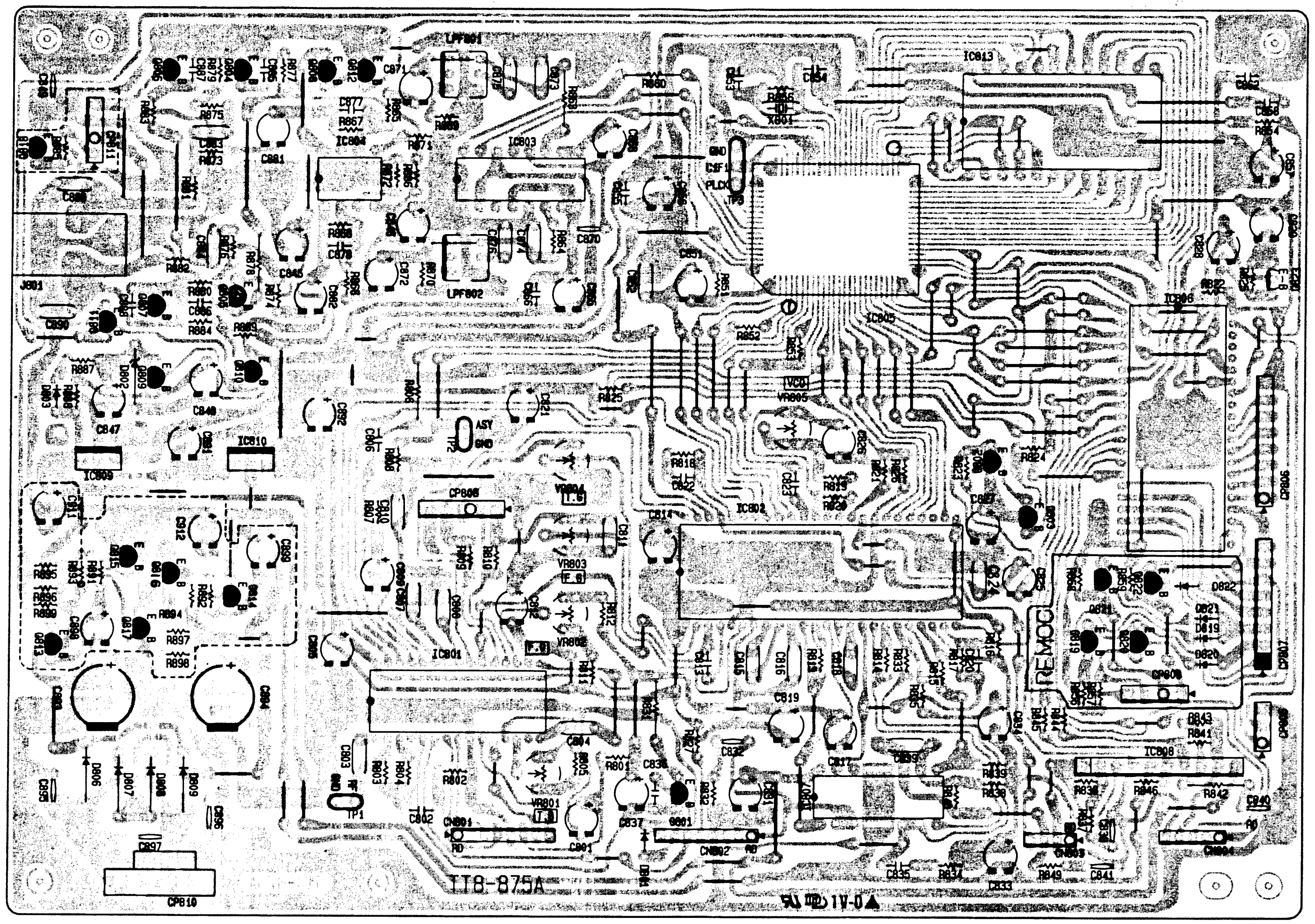


513-703A

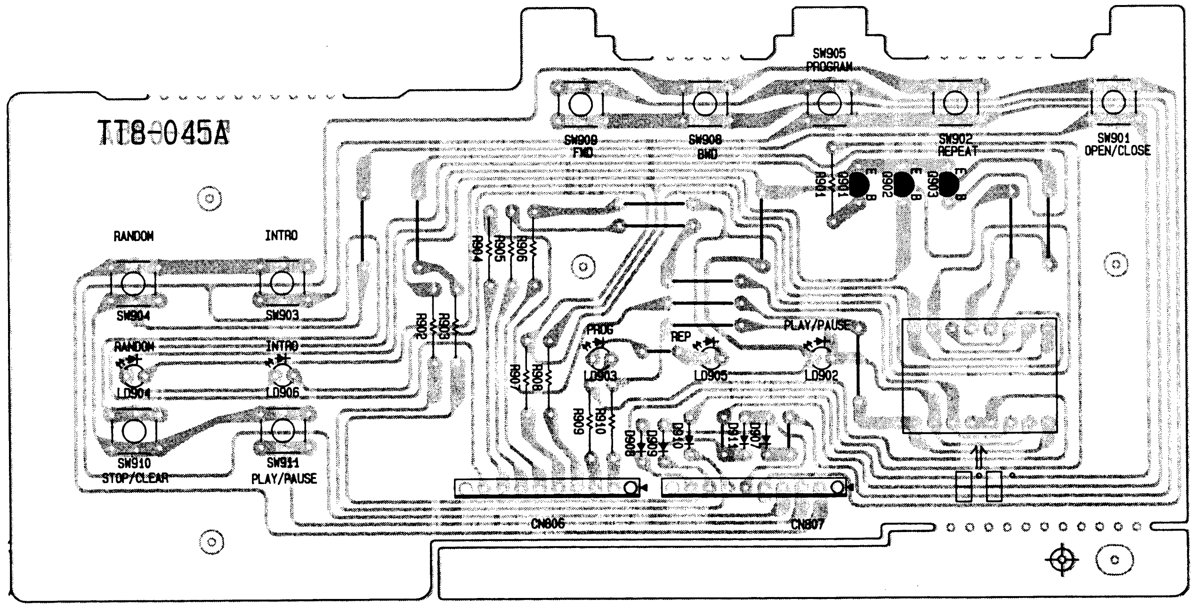
• CONTROL P.C. BOARD



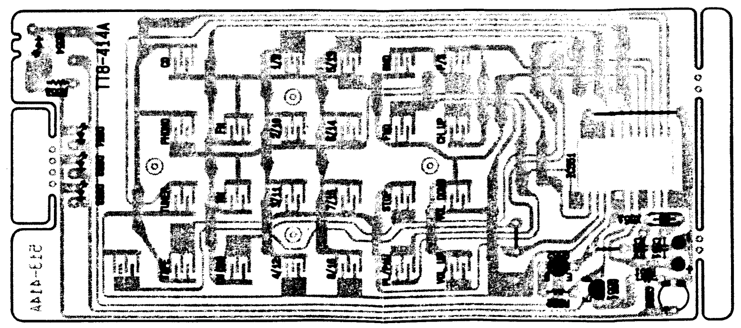
•CD MAIN P.C. BOARD



• CD SWITCH P.C. BOARD

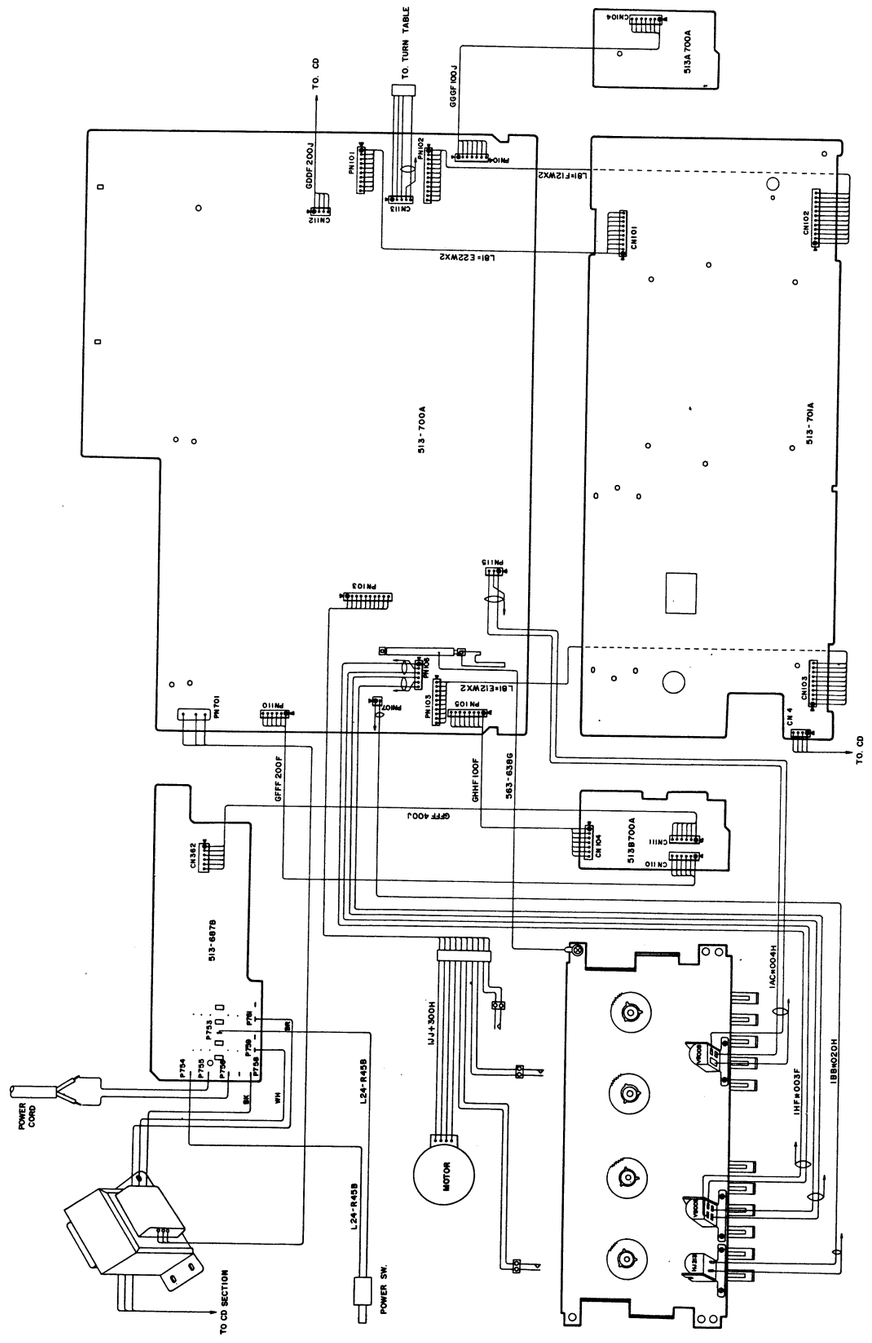

TT8-045A
SW905
PROGRAM
SW909
FWD
SW908
BWD
SW902
REPEAT
SW901
OPEN/CLOSE
RANDOM
INTRO
SW904
SW903
LD904
LD906
SW910
STOP/CLEAR
SW911
PLAY/PAUSE
PROG
REP
PLAY/PAUSE
LD903
LD905
LD902
Q901
Q902
Q903
R901
R902
R903
R904
R905
R906
R907
R908
R909
R910
D907
D908
D909
D910
D911
CN806
CN807

• REMOTE CONTROL P.C. BOARD

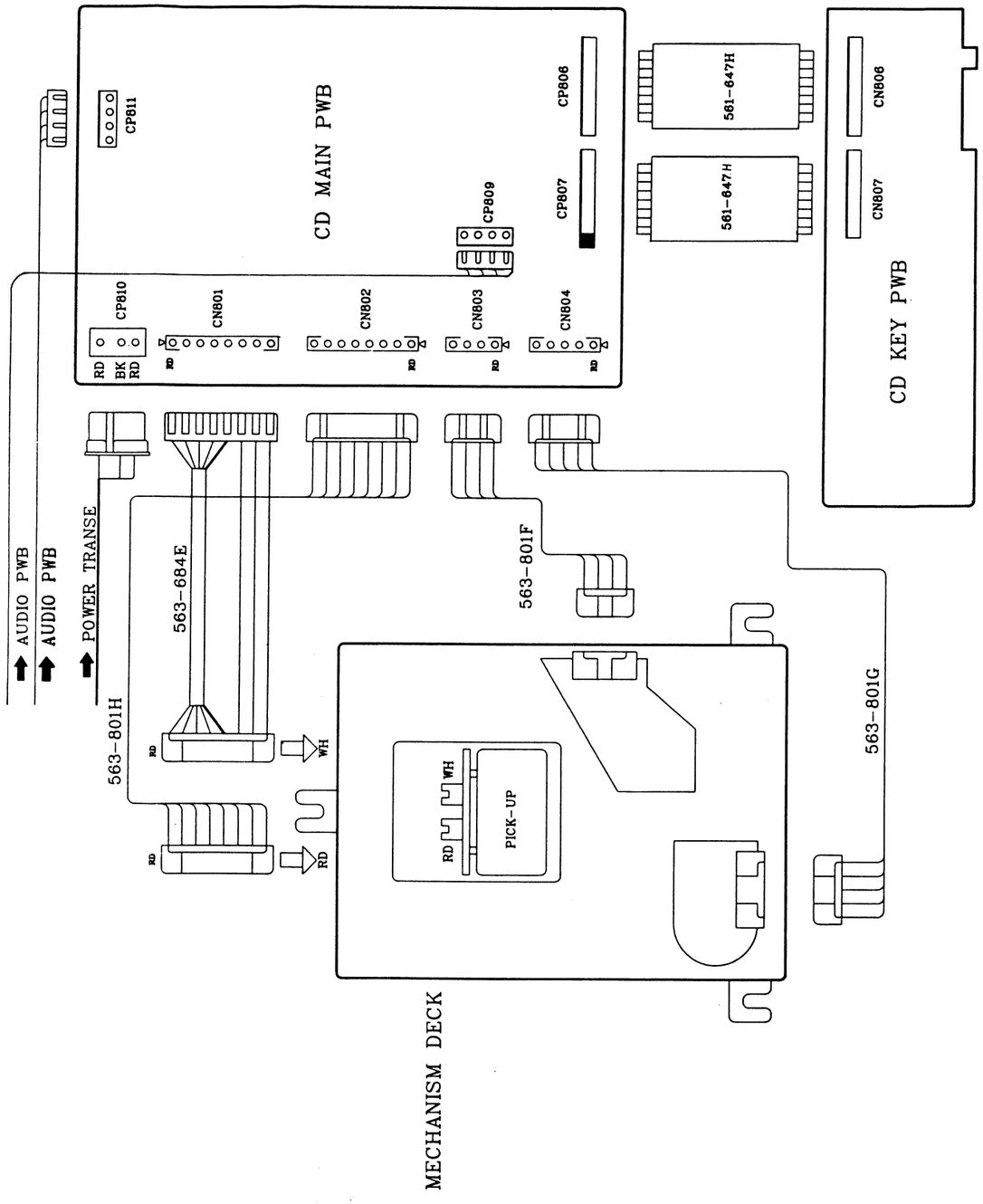


WIRING DIAGRAM

•AUDIO SECTION

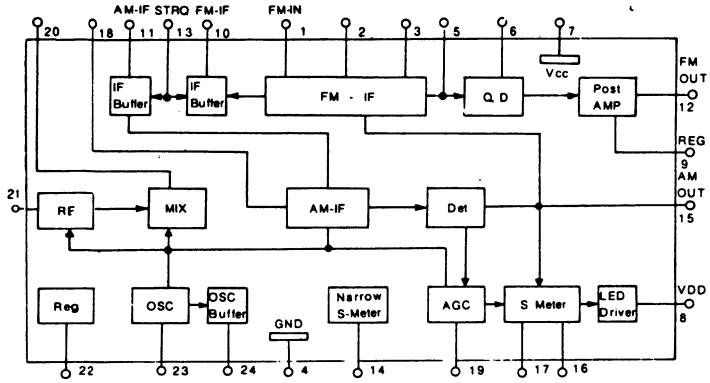


•CDP SECTION

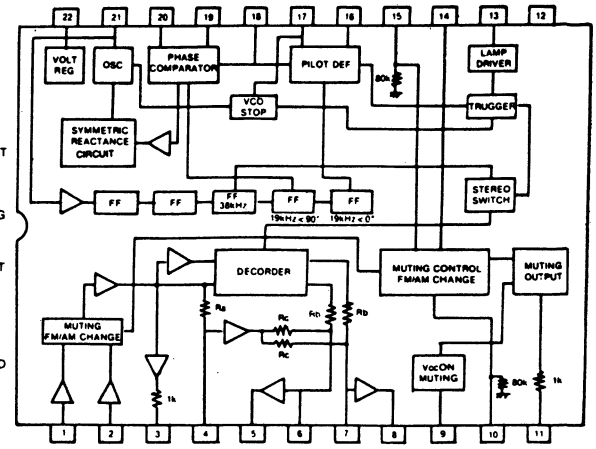


INTERIOR BLOCK DIAGRAM OF IC

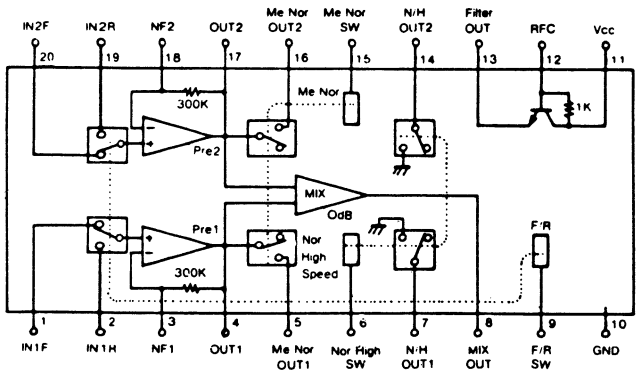
IC101 LA1266(AM/FM IF)



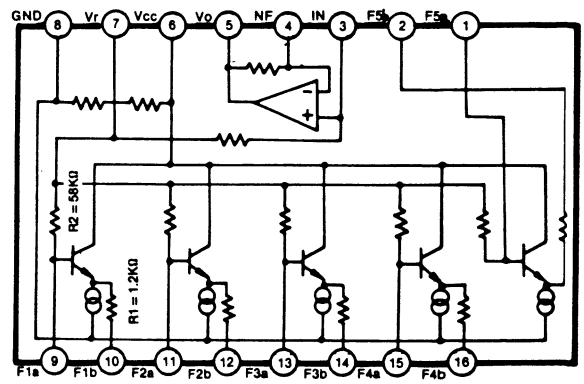
IC102 LA3401(MPX)



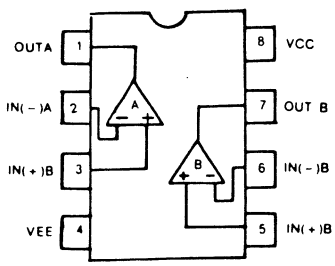
IC201 LA3246(PRE AMP)



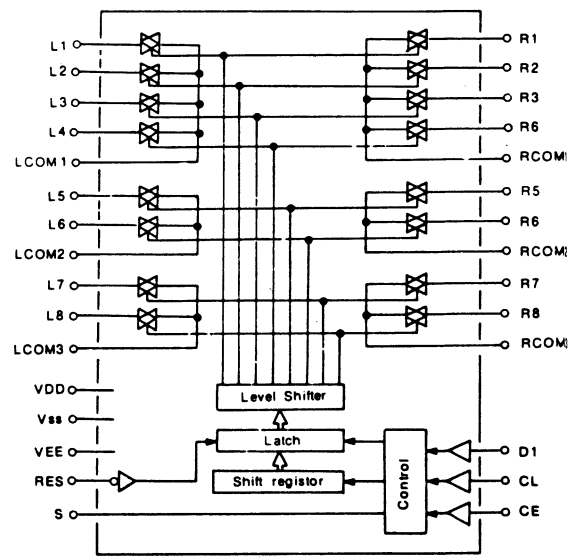
IC602, 652 KIA6900Z, KIA7796Z (5DOT GRAPHIC EQ)



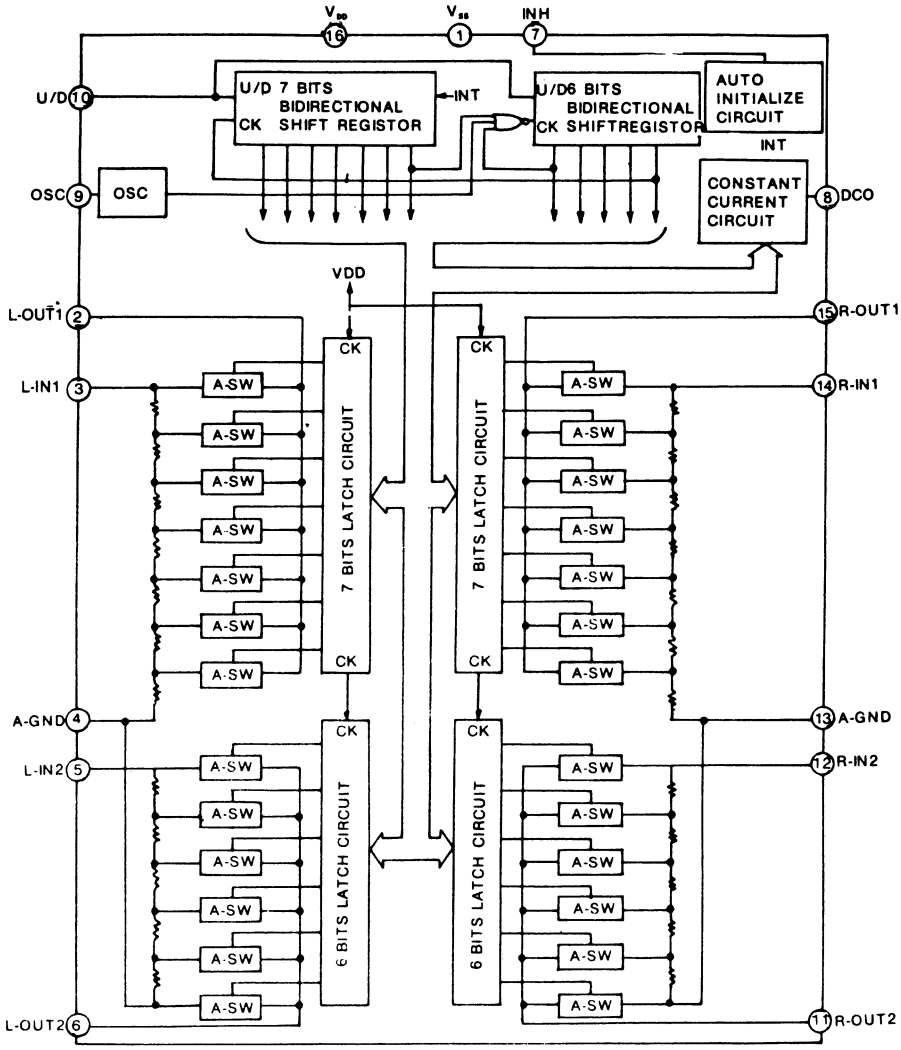
IC603 KIA4558P(OP AMP)



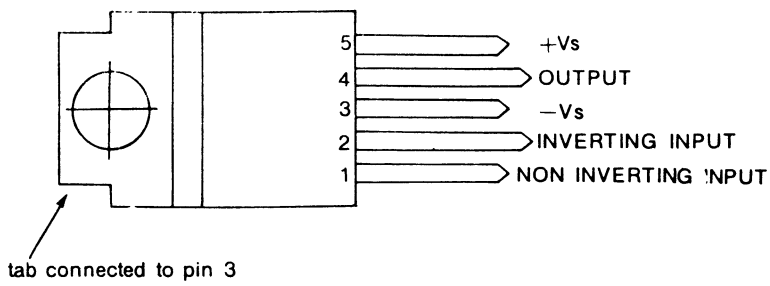
IC604 LC7821(ANALOG SWITCH)



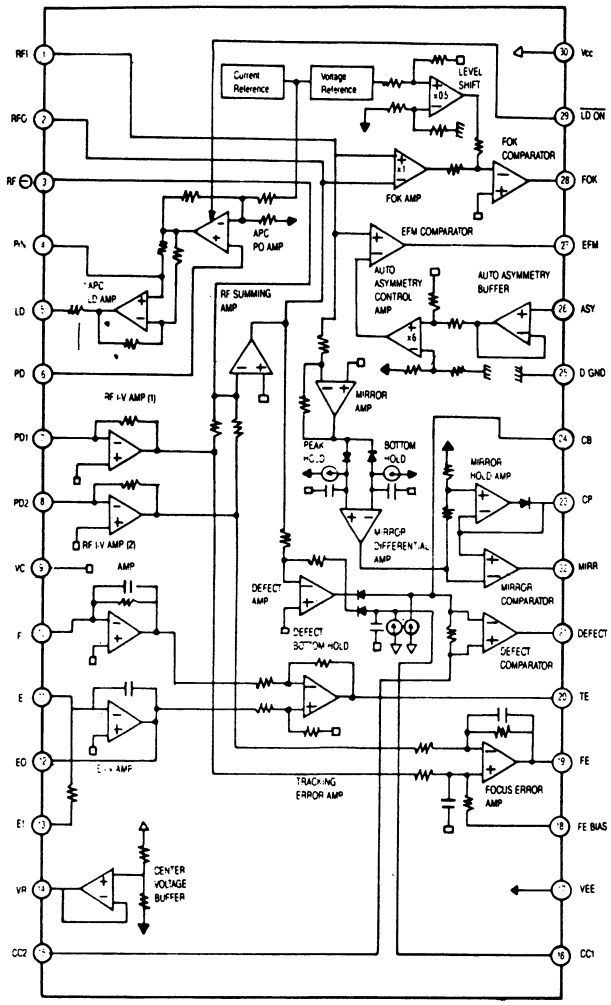
IC605 TC9153AP(E-VOLUME)



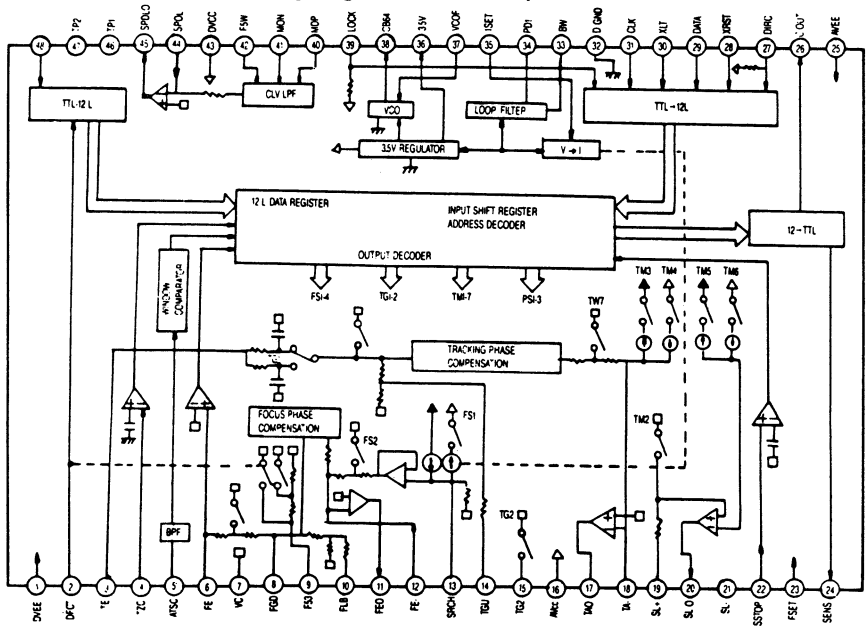
IC701,702 TDA2030(Power)



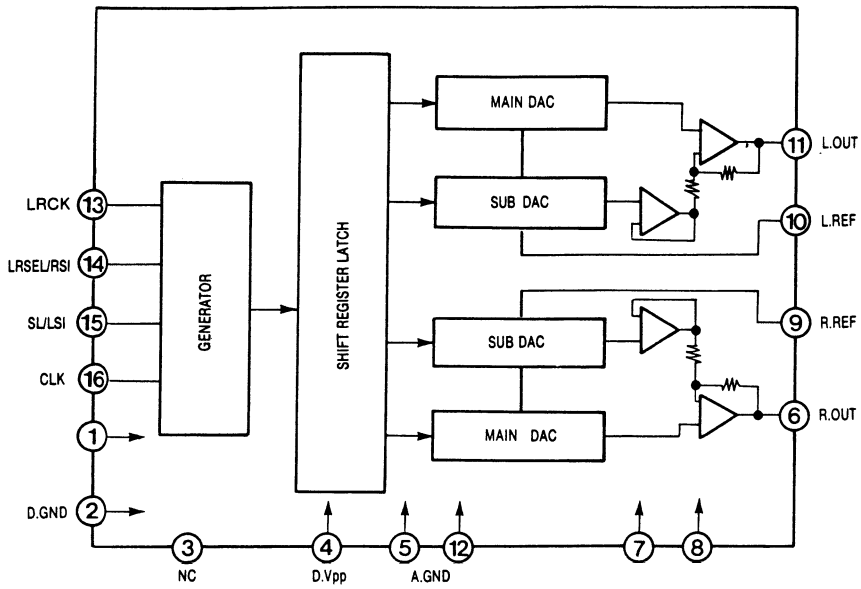
IC801 CXA1081S (Pre Amp)



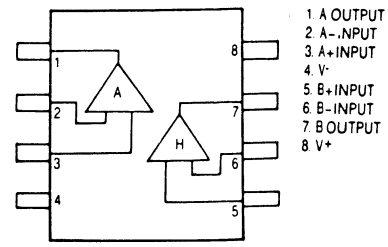
IC802 CXA1082 (Analog Signal Processor)



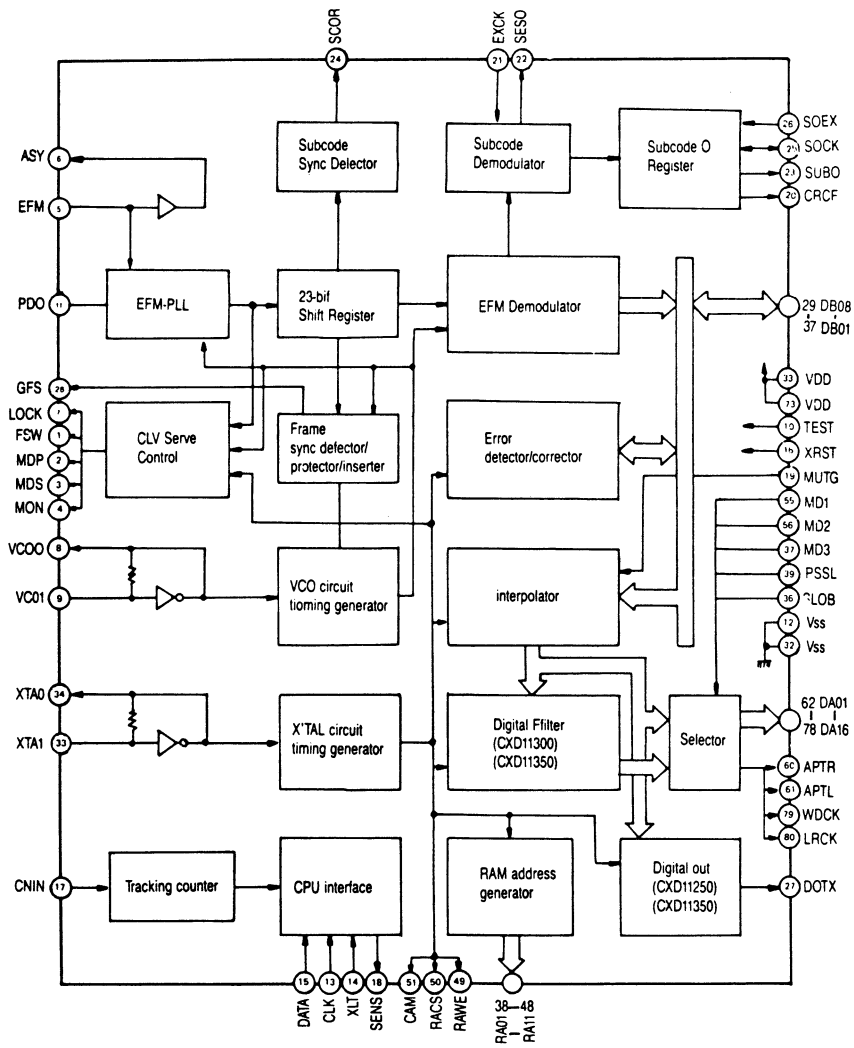
IC803 μPD6376



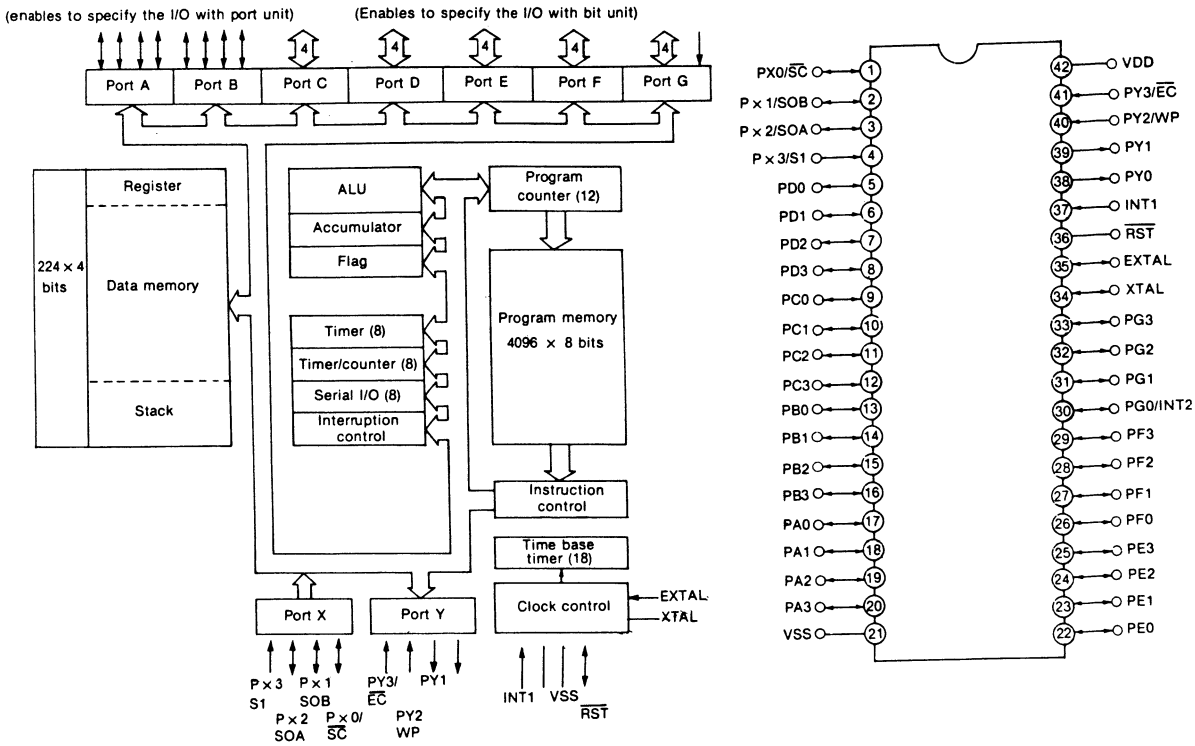
IC804 μPC4570(Dual OP Amp)



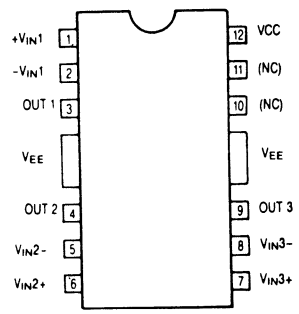
IC805 CXD1130Q (Digital Signal Processor)



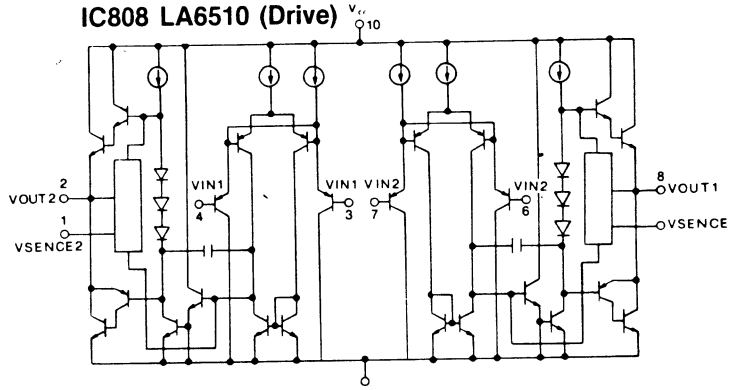
IC806 CXP5034 (μ-Com)



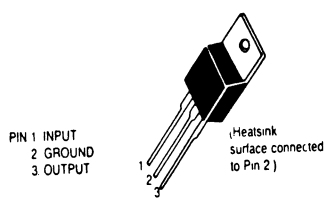
IC807 LA6520 (Drive)

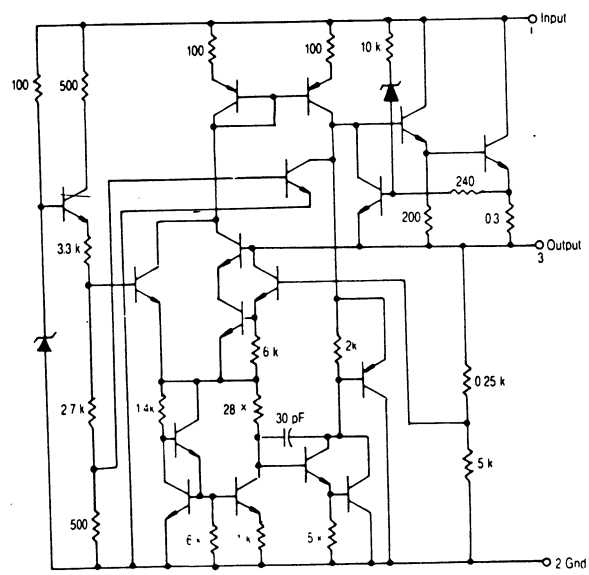


IC808 LA6510 (Drive)

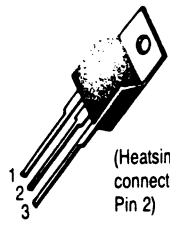


IC809 MC7805 (Regulator)



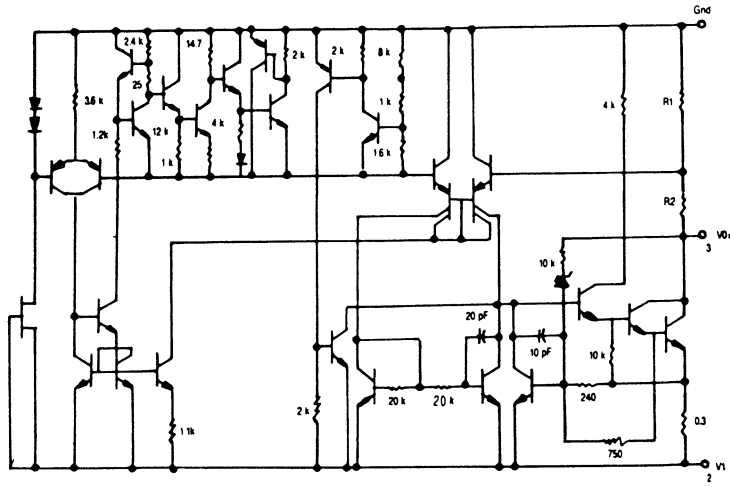


IC810 MC7905 (Regulator)

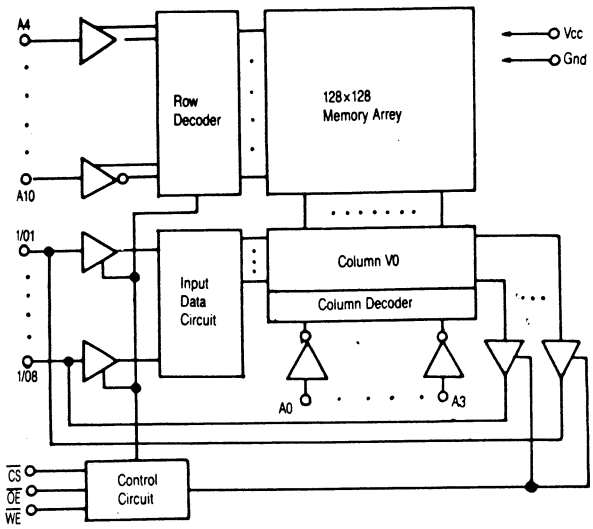


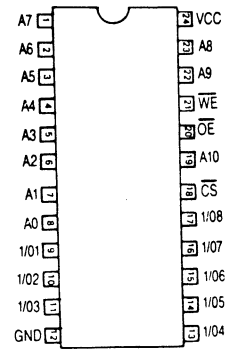
PIN 1. GROUND
2. INPUT
3. OUTPUT

(Heatsink surface connected to Pin 2)

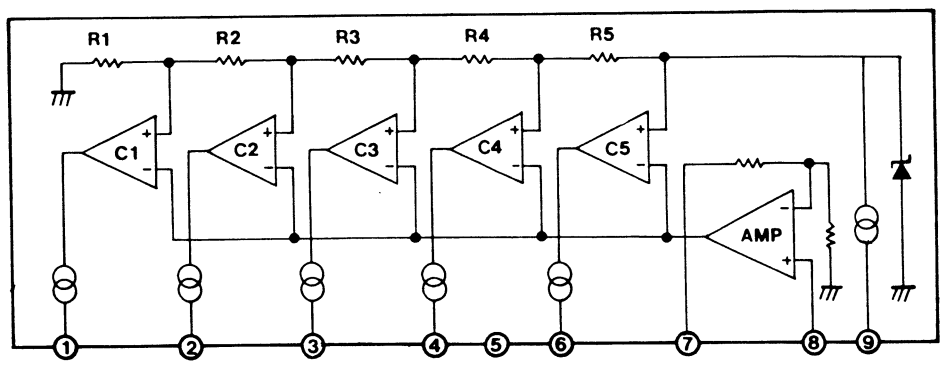


IC813 HM6116-120 (16K-S Ram)

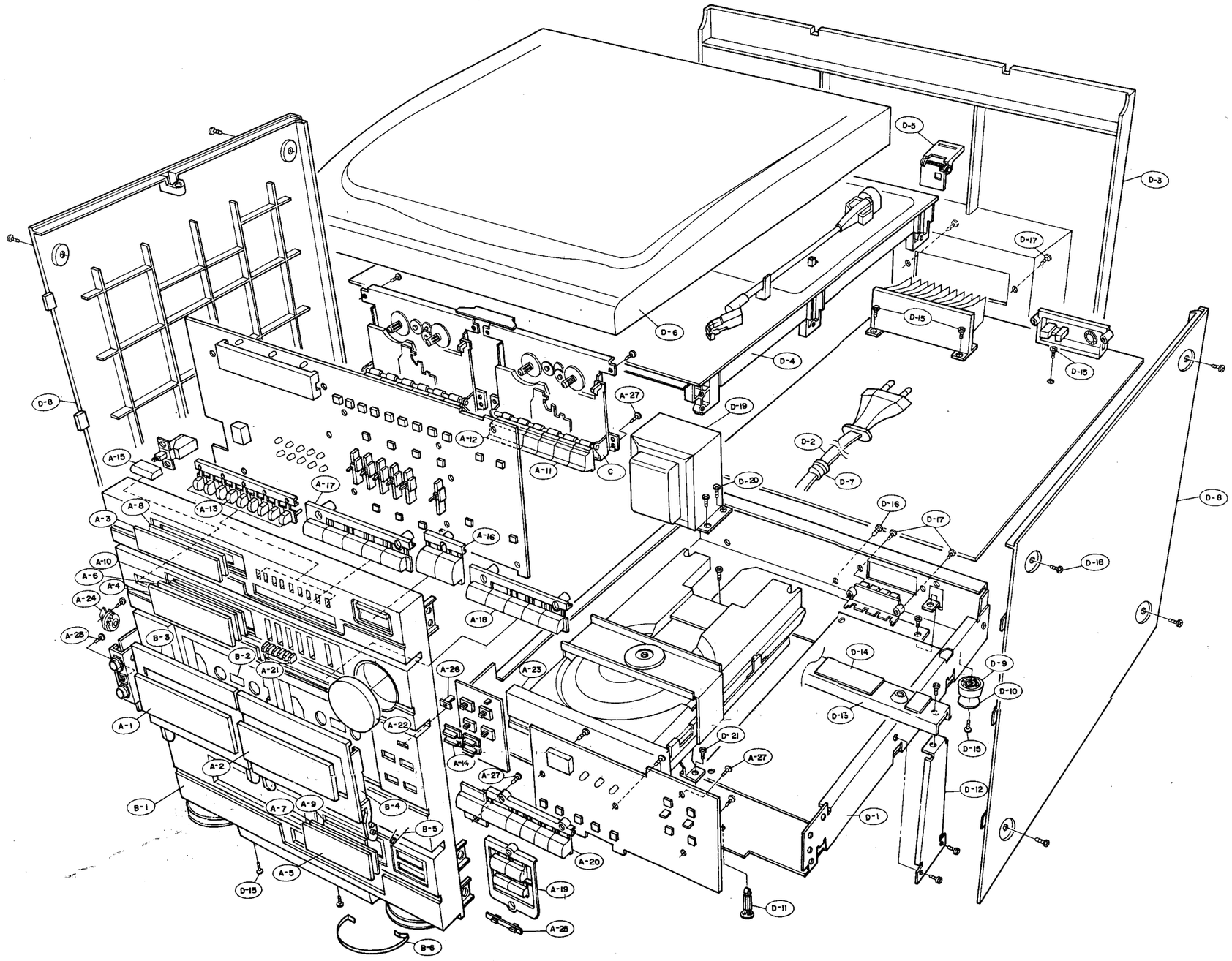




IC601,651 KA2284



EXPLODED VIEW/PARTS LIST
• CABINET

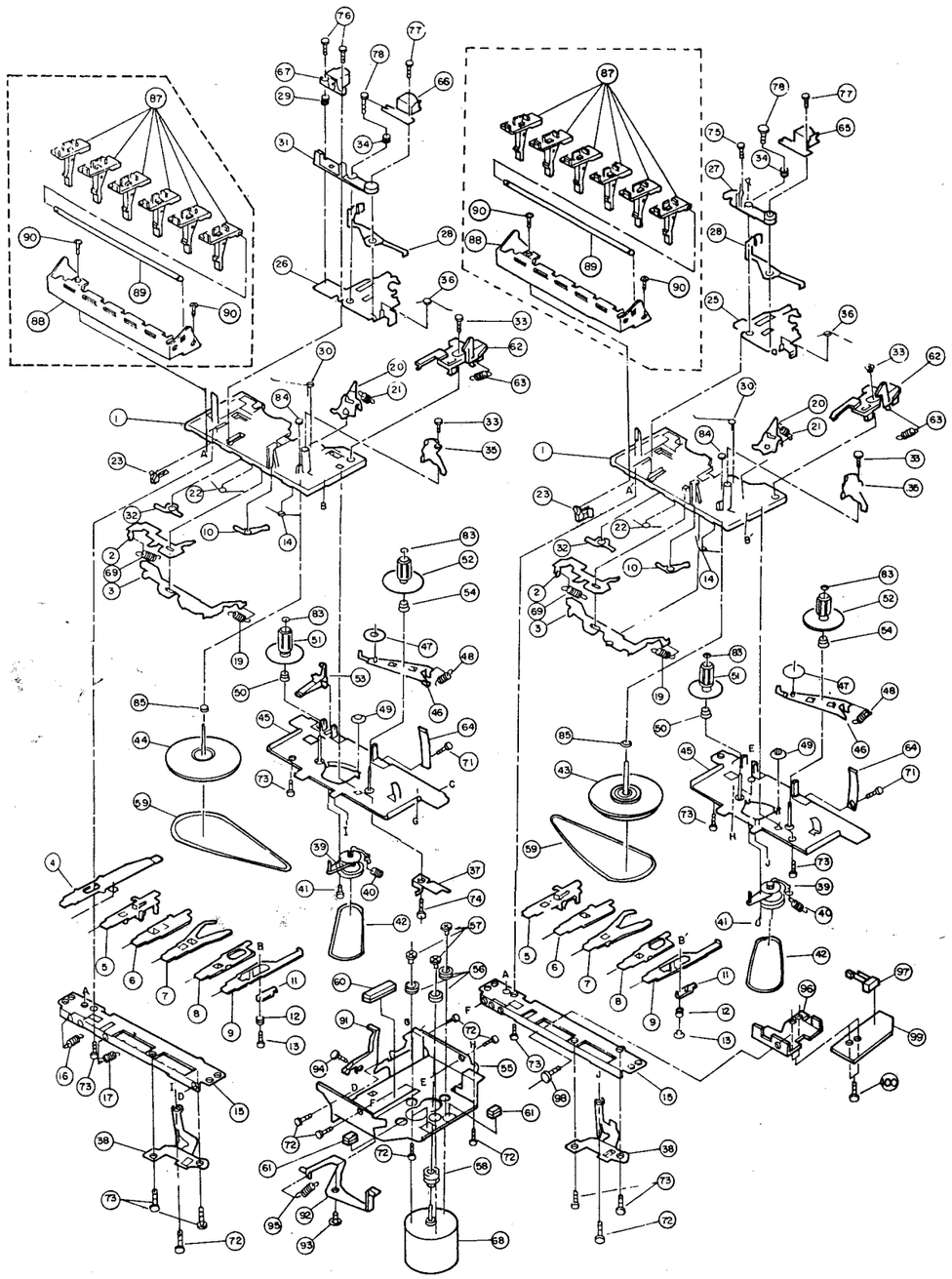


SP: Serviceable Part
NSP: Not Serviceable Part

REF.NO.	DESCRIPTION	PART NO.	Q'TY	REMARK
A	Panel, Front Assembly	258-395A	1	NSP
A-1	Window, Cassette Door-A	236-392A	1	SP
A-2	Window, Cassette Door-B	236-392B	1	SP
A-3	Window, Tuner	236-390A	1	SP
A-4	Window, Amp	236-391A	1	SP
A-5	Window, CD	236-393A	1	SP
A-6	Window, Amp Inner	236-394A	1	SP
A-7	Window, CD Inner	236-395A	1	SP
A-8	Window, Tuner Inner	236-396A	1	SP
A-9	Sheet, LED Display	231-561C	1	SP
A-10	Sheet, Amp LED	231-560S	1	SP
A-11	Knob, Deck	273-471A	10	SP
A-12	Knob, Deck-Play	273-478A	1	SP
A-13	Knob, Pre-Set Array	274-390A	1	SP
A-14	Knob, Push	273-562C	4	SP
A-15	Knob, Power	273-474A	1	SP
A-16	Knob, Tuner	274-391A	1	SP
A-17	Knob, Function Tuner Array	274-392A	1	SP
A-18	Knob, Function Amp Array	274-392B	1	SP
A-19	Knob, CD	274-393A	1	SP
A-20	Knob, Function CD Array	274-394A	1	SP
A-21	Knob, EQ	273-652A	6	SP
A-22	Knob, Voltage Tag	273-999B	1	SP
A-23	Decoration, M/D	246-390A	1	SP
A-24	Damper Assembly	444-111A	2	SP
A-25	Lens, LED-CD	463-039A	1	SP
A-26	Lens, LED-Dubbing	463-039B	1	SP
A-27	Screw, Special 3×10	353-025G	31	SP
A-28	Screw, Special 3×8	353-025F	1	SP
B	Panel, Sub Front Assembly	258-403A	1	SP
B-1	Panel, Front	258-396A	1	SP
B-2	Plate, Reflection	256-186A	2	SP
B-3	Door, Cassette-A	226-390A	1	SP
B-4	Door, Cassette-B	226-390B	1	SP
B-5	Spring, Door	442-750A	2	SP
B-6	Leg, Decoration	264-007K	2	SP
C	Deck Mechanism Assembly	412-950A	1	SP
D	Chassis, Bottom Assembly	311-390A	1	NSP
D-1	Chassis, Main	313-460B	1	SP
D-2	Cord, Power	681-004F	1	SP
D-3	Panel, Back	258-397A	1	SP
D-4	Player, Sub Assembly	413-028A	1	SP
D-5	Hinge Assembly, Dust Cover	395-021A	2	SP
D-6	Dust Cover	448-023A	1	SP
D-7	Holder, Cord	324-348B	1	SP
D-8	Cover, Side	221-940A	2	SP
D-9	Foot	265-240A	2	SP
D-10	Felt	472-190D	2	SP
D-11	Supporter	322-001E	3	SP
D-12	Bracket, PCB (L)	321-872A	2	SP
D-13	Bracket Frame	321-871A	1	SP
D-14	Cushion Lighting	447-048F	2	SP
D-15	Screw, 3×8	TRQ1836J	19	SP
D-16	Screw, 3×8	TRQ1836I	4	SP
D-17	Screw, Special 3×10	353-025C	4	SP
D-18	Screw, Tapping 4×12	353-070C	8	SP
D-19	Trans, Power 110/220V, 50/60Hz	641-790E	1	SP
D-20	Screw, 4×8	TRQ2236J	4	SP
D-21	Screw, 3×6	TRQ1830J	5	SP

EXPLODED VIEW/PARTS LIST

● TAPE DECK MECHANISM



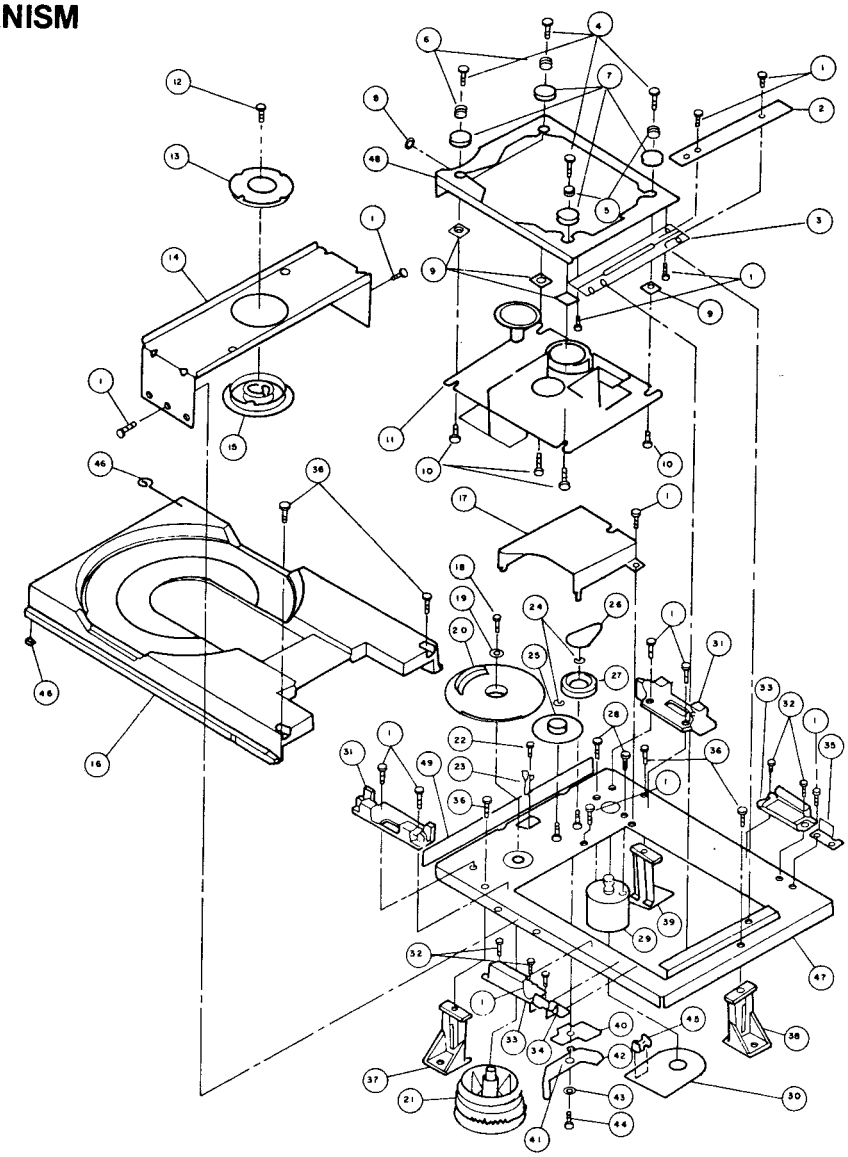
SP: Serviceable Part
NSP: Not Serviceable Part

REF.NO.	DESCRIPTION	PART NO.	Q'TY	REMARK
	Deck Mechanism, TN21SW-666	419-011H	1	SP
1	Main Base Assembly	99T-1080	1	NSP
2	Switch Plate	99T-0901	1	NSP
3	Push Button Act	99T-0902	1	NSP
4	Record Button Lever	99T-1060	1	NSP
5	Play Button Lever	99T-1061	1	NSP
6	Rewind Button Lever	99T-1062	1	NSP
7	FF Button Lever	99T-1063	1	NSP
8	Stop Button Lever	99T-1064	1	NSP
9	Pause Button Lever	99T-1065	1	NSP
10	Rewind Lever	99T-0909	1	NSP
11	Pause Lever	99T-1079	1	NSP
12	Pause Lever Spring	99T-0911	1	NSP
13	Pause Stopper	99T-0912	1	NSP
14	Button Lever Spring (C)	99T-0921	1	NSP
15	Sub Plate	99T-1127	1	NSP
16	Button Lever Spring (A)	99T-0915	1	NSP
17	Play Button Lever Spring (S)	99T-0916	1	NSP
19	Actuator Spring	99T-0917	1	NSP
20	Auto Lever	99T-1094	1	NSP
21	Auto Lever Spring	99T-0919	1	NSP
22	Button Lever Spring	99T-1110	1	NSP
23	Leaf Switch, MSW1541T	99T-1103	1	SP
25	Head Panel	99T-1068	1	NSP
26	Head Panel	99T-0922	1	NSP
27	Head Base	99T-1055	1	NSP
28	Sensing Plate Assembly	99T-0924	1	NSP
29	Spring Erase Head	99T-0925	1	NSP
30	Head Panel Spring (S)	99T-0926	1	NSP
31	Head Base	99T-0923	1	NSP
32	PR Stopper	99T-0975	1	NSP
33	P.M.E. Screw	99T-0927	1	NSP
34	Spring	99T-0928	1	NSP
35	Pinch Roller Arm Assembly	99T-0929	1	SP
36	Pinch Roller Spring	99T-1081	1	NSP
37	Pause Protact	99T-0981	1	NSP
38	Metal Guide	99T-1112	1	NSP
39	RF Pulley Arm	99T-1130	1	SP
40	RF Pulley Arm	99T-0932	1	NSP
41	RF Arm Coller	99T-0933	1	NSP
42	RF Belt	99T-0934	1	SP
43	Flywheel Assembly	99T-0935	1	SP
44	Flywheel Assembly	99T-0936	1	SP
45	Reel Base Assembly	99T-1114	1	NSP
46	T-up Gear Plate	99T-1115	1	NSP
47	T-up Roller Gear	99T-1116	1	NSP

REF.NO.	DESCRIPTION	PART NO.	Q'TY	REMARK
48	T-G Plate Spring	99T-0940	1	NSP
49	FF Gear	99T-1117	1	NSP
50	Back Tension Spring	99T-0984	1	NSP
51	S-Reel Assembly	99T-0985	1	SP
52	T-Reel Assembly	99T-0986	1	SP
53	Record Safety Lever	99T-1119	1	SP
54	Back Tension Spring	99T-0987	1	NSP
55	Motor Bracket	99T-0988	1	NSP
56	Motor Rubber	99T-0989	1	NSP
57	Coller Screw	99T-0990	1	NSP
58	Motor Pulley	99T-6072	1	SP
59	Main Belt	99T-0980	1	SP
60	Felt for Anti	99T-0979	1	NSP
61	Anti-vib Felt	99T-1131	1	NSP
62	Eject Slide Lever	99T-1026	1	SP
63	Eject Slide Lever Spring	99T-0953	1	NSP
64	Pack Spring	99T-0954	1	NSP
65	R PB Head, HY424520K	99T-1132	1	SP
66	RP Head, HY424700K	99T-1143	1	SP
67	Erase Head, HF213840K	99T-1098	1	NSP
68	Motor, EG530YD9B	99T-0504	1	SP
69	Switch Actuator Spring	99T-1121	1	NSP
71	Tapping Screw	99T-0960	1	NSP
72	Tap Screw	99T-0961	1	NSP
73	P Tapping B	99T-1045	1	NSP
74	P Tap Screw	99T-1123	1	NSP
75	Screw	99T-1057	1	NSP
76	+ − Cap Screw	99T-0963	1	NSP
77	Screw	99T-0964	1	NSP
78	Azimuth Screw	99T-1048	1	NSP
83	P Washer Cut	99T-0967	1	NSP
84	P Washer Cut	99T-0968	1	NSP
85	P Washer Cut	99T-0969	1	NSP
87	Operation Lever	99T-1141	1	NSP
87	FH Screw M2×7	99T-0977	1	NSP
88	Button Frame	99T-1142	1	NSP
90	Button Lever Shaft	99T-1030	1	NSP
91	P Kick Lever-B	99T-0970	1	NSP
92	P Kick Lever-A	99T-0992	1	NSP
93	P.K Coller Screw	99T-0972	1	NSP
94	P.K Coller Screw	99T-0973	1	NSP
95	P.K Lever Switch	99T-0974	1	NSP
96	FR Switch Bracket	99T-1133	1	NSP
97	Play Leaf Switch	99T-1134	1	SP
98	Camera Screw M2×2.5	99T-1135	1	SP
99	Leaf Switch	513-100A	1	NSP
100	M/S 1.7×5	MBC0726L	1	NSP

EXPLODED VIEW/PARTS LIST

• CDP MECHANISM



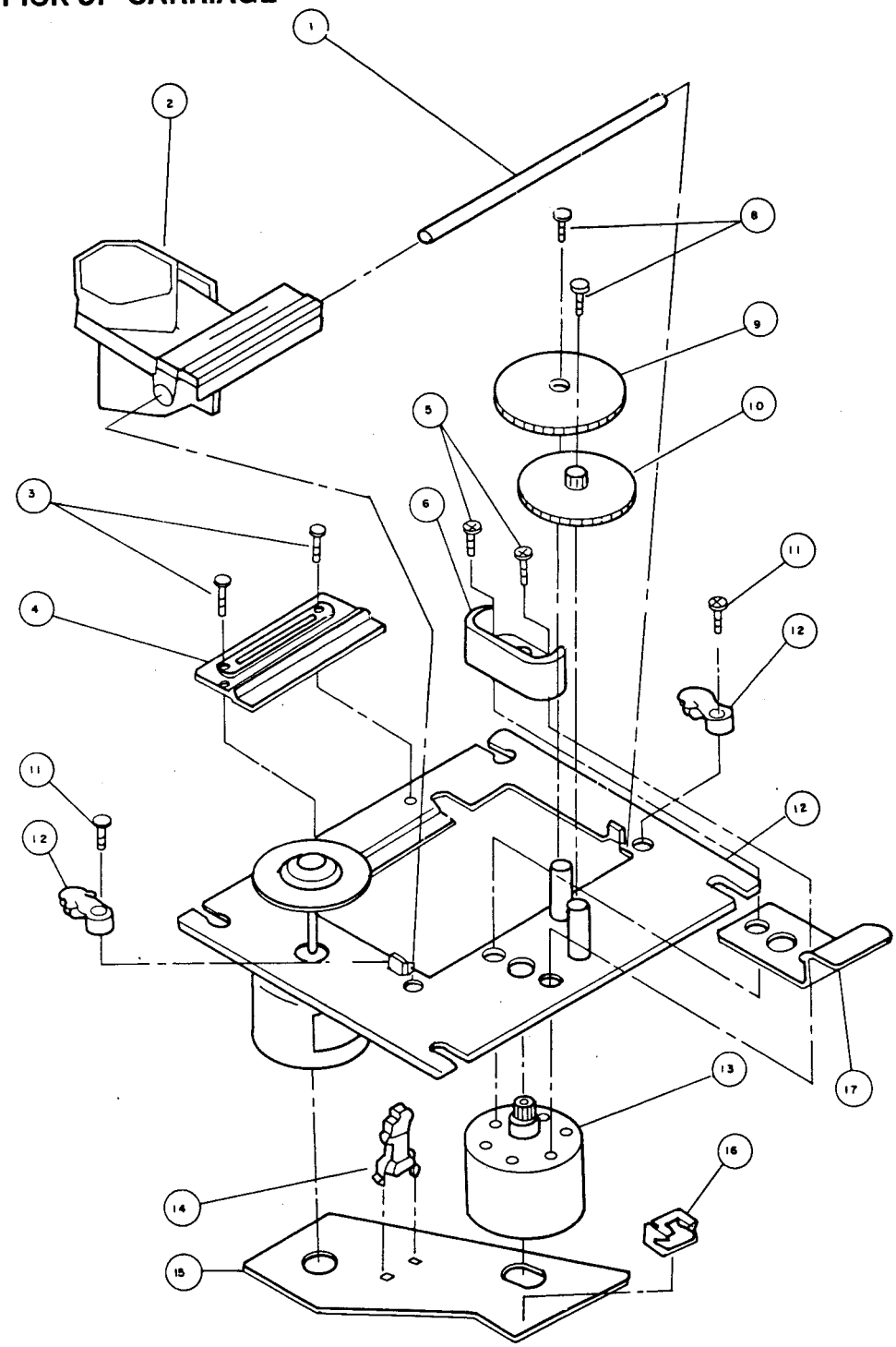
NOTE: Excluded parts in the parts list are not available as replacement parts.

REF. NO.	DESCRIPTION	PART NO.
	CDP Mechanism Assembly, KSL-150ACM	411-050A
2	Hinge Plate (SP)	256-265A
3	Hinge (SP)	395-030A
4	Roller (T) SP	422-030A
5	Spring (B)	442-110A
6	Spring (A)	442-111A
7	Cushion, Rubber (C)	447-025A
8	Roller (SP)	422-031A
9	Plate (T) SP	256-266A
10	Screw	353-010A
13	Magnet Assembly (SP)	524-010A
14	Chuck Chassis (SP)	313-110A
15	Chucking Pulley	432-061A
16	Tray (SP)	228-110A
17	Gear Cover (SP)	221-090A
19	Washer	354-030A
20	Drive Gear (SP)	435-080A
21	Control Cam (SP)	374-020A
23	Leaf Switch	558-060A
24	Washer	354-031A
25	Middle Gear (SP)	435-081A

REF. NO.	DESCRIPTION	PART NO.
26	LM Belt	451-046A
27	Loading Pulley	432-060A
28	Screw, 2.6 x 3	353-011A
29	Motor Assembly (RP)	414-040A
30	Motor PCB	511-515A
31	Tray, Holder (SP)	324-135A
33	Tray, Holder (SP)	324-136A
34	Tray, Guide (SP)	384-090A
35	Tray, Guide (SP)	384-091A
37	MD Fix Boss (SP)	381-021A
38	MD Fix Boss (SP)	381-021A
39	MD Fix Boss (SP)	381-022A
40	Ring Plate (SP)	256-267A
41	Boss	381-023A
42	Stopper Ring Assembly (SP)	345-020A
43	Spacer (SP)	445-030A
45	Connector 5P	563-070A
46	Damper	444-050A
47	Main Chassis Assembly (SP)	311-070A
48	Sub Chassis Assembly (SP)	311-071A
49	Front Tape	453-010A

EXPLODED VIEW/PARTS LIST

• OPTICAL PICK-UP CARRIAGE



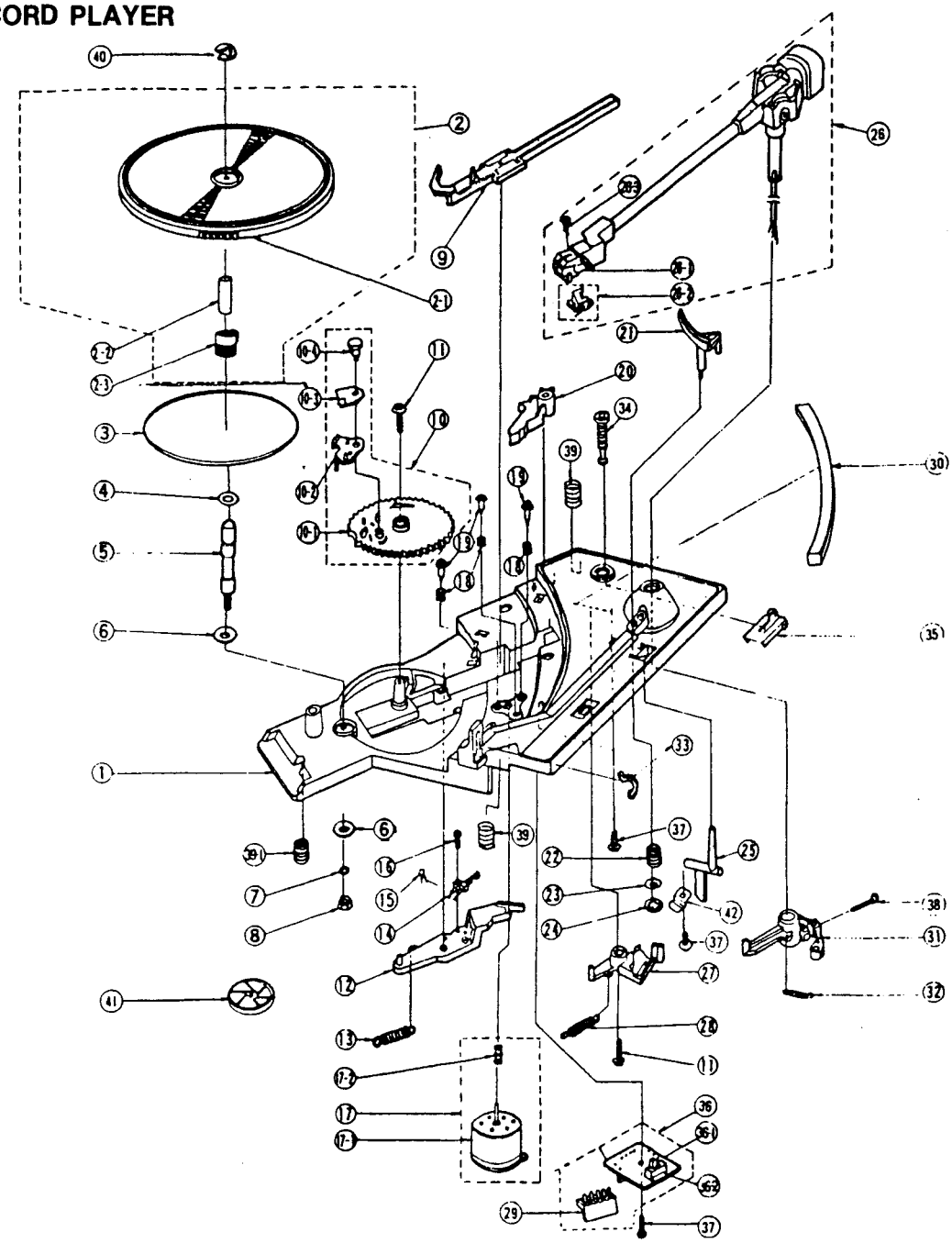
NOTE: Excluded parts in the parts list are not available as replacement parts

REF. NO.	DESCRIPTION	PART NO.
1	Pu Shaft	423-050A
2	Pick-Up, KSS-150A	411-070A
4	Slide, Holder	324-137A
5	Screw, P2 x 5	353-012A
6	Gear Cover	221-095A
7-1	Slide Gear	435-082A
7-2	Slide Gear	435-083A
8	Screw, 1.7 x 3	353-013A
9	Gear A	435-084A

REF. NO.	DESCRIPTION	PART NO.
10	Gear B	435-085A
11	Screw, 6 x 8	353-114A
12	Shaft Clamp	327-110A
13-1	SP Motor Assembly	414-141A
13-2	SP Motor Assembly	414-142A
14	Leaf Switch	558-161A
15-1	Motor PCB	511-166A
15-2	Motor PCB	511-167A
16	Connector 4P	563-171A
17	Stopper	322-110A

EXPLODED VIEW/PARTS LIST

•RECORD PLAYER



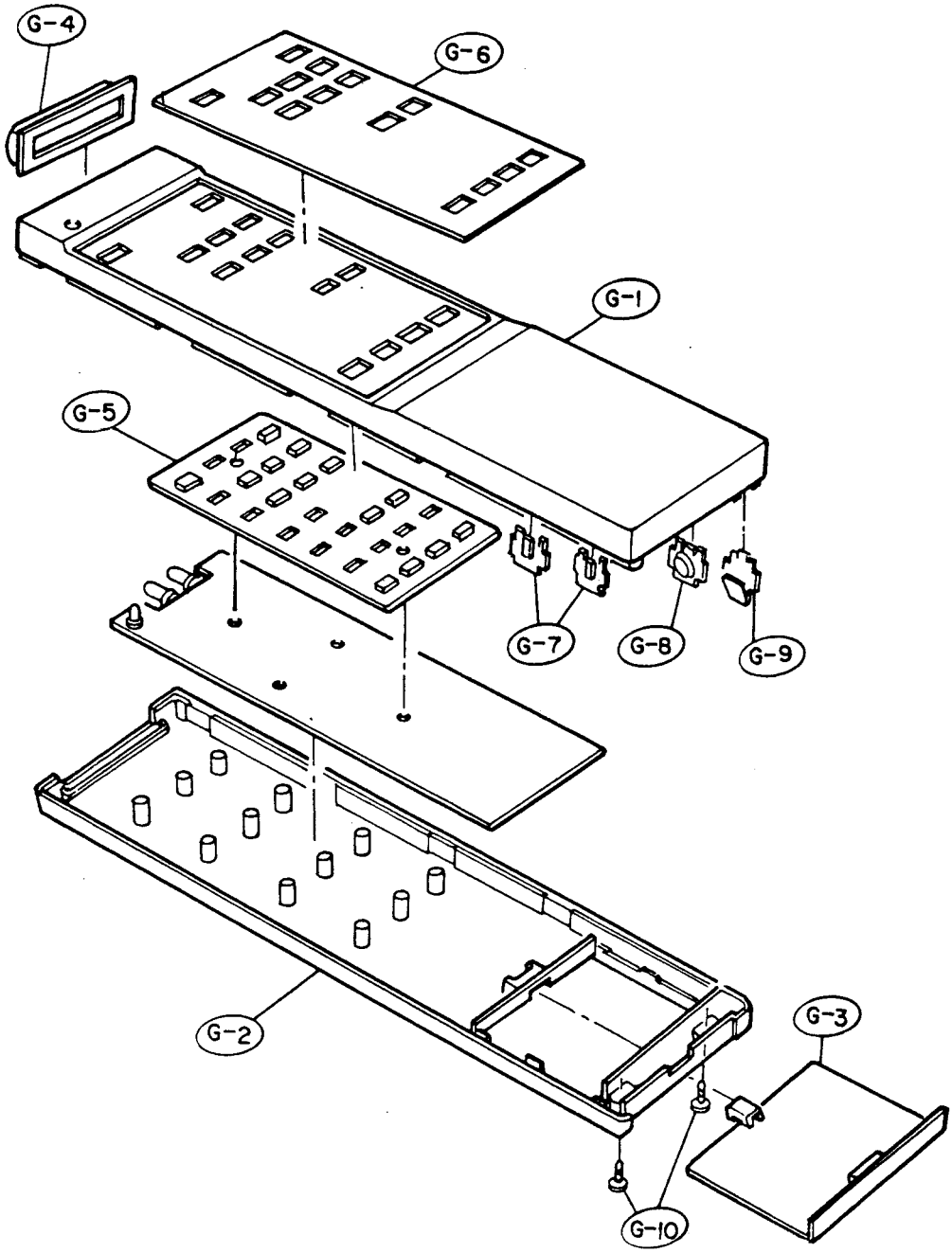
REF. NO.	PART NO.	DESCRIPTION
	413-628A	Player (JP-860PM, AUTO RETURN)
1	225M013A	Base, Tuntable
2	413M014A	Platter Assembly
3	451M001A	Belt
5	423M039A	Shaft, Center
9	386M033A	Frm, Actuating
10	435M007A	Ring, Gear Assembly
12	386M034A	Arm, Control
13	442M067A	Spring, Control Arm
14	558M007A	Leaf Switch
17	414M011A	Motor Assembly
17-2	432M018A	Pulley, Motor
18	447M045A	Cushion, Motor
20	333M009A	Lever, Switch
21	386M035A	Arm, Elevation
22	442M068A	Spring, Elevation

25	333M010A	Lever, Cneing
26	522M028A	Tone Arm Assembly
26-1	526M011A	Cartridge
26-2	525M012A	Stylus
27	374M006A	Elevator Cam
28	442M069A	Spring, Elevator
31	386M036A	Arm, Feed
32	442M070A	Spring, Feed Arm
33	393M005A	Locker Arm
34	353A022A	Screw, Clamping
35	327M009A	Clamper
36	511M058A	Main PCB Assembly
36-2	552M107A	Slide Switch
39	442M071A	Spring, Foot-A
39-1	442M071B	Spring, Foot-B
40	345M004A	E-Ring

NOTE: Excluded parts in the parts list are not available as replacement parts.

EXPLODED VIEW/PARTS LIST

• REMOTE CONTROL TRANSMITTER



SP: Serviceable Part
NSP: Not Serviceable Part

NO.	DESCRIPTION	PART NO.	Q'TY	REMARKS
	REMOCON ASSEMBLY	316-390A	1	SP
G-1	CASE, FRONT REMOCON	217-101B	1	SP
G-2	CASE, BOTTOM	217-102A	1	SP
G-3	COVER, BATTERY	221-010A	1	SP
G-4	WINDOW, TRANSMITTER	236-243A	1	SP
G-5	SWITCH, RUBBER KEY	588-017I	1	SP

NO.	DESCRIPTION	PART NO.	Q'TY	REMARKS
G-6	PLATE, REMOCON	243-057F	1	NSP
G-7	SPRING, BATTERY (A)	442-028A	1	SP
G-8	SPRING, BATTERY (B)	442-028B	1	SP
G-9	SPRING, BATTERY (C)	442-028C	1	SP
G-10	SCREW, SPECIAL	353-645A	2	SP

[REPLACEMENT PARTS LIST] PAGE : 1

MODEL : FMH-40L BG1 RUN-DATE : 90.08.06

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
			525-001A	CORE	CORE BALUN KQ-1 OPW137X76X13	
			511-700B	PWB ASSY	MAIN FMH-40L FTZ	
			576-006C	JACK RCA	RCA JACK S-155I	
			632-218B	COIL ANTENNA	ANT LOOP SOCKET TYPE	
			511A700B	PWB ASSY	CST CONTROL FMH-40L FTZ	
			0IKT050000A	INTEGRATED CIRCUIT	*IC,SG05 REMOCON MODULE KOTEK	
			511-045A	PWB ASSY	CD SW PWB ASSY (FMH-40A)	
			511-097Y	PWB ASSY	POWER PWB AY FMH-39M FTZ	
			511-701B	PWB ASSY	CONTROL FMH-40L FTZ #42	
			481-398A	INSTRUCTION	MANUAL (FMH-40L	
			511B700B	PWB ASSY	JACK PWB (FMH-40L)	
			641-790E	TRANS POWER	110/220V 50/60HZ 20W KTC	
			659-160A	DISPLAY	LCD,LA-142-118A FOR M/C S/S	
			681-004F	CORD POWER	CORD,P KKP419C+KLCE2F L1.75M	
		B.P.F	616-301B	FILTER CERAMIC	FILTER,L C (FM) LK-BP88002A0	
		CF101	616-010B	FILTER CERAMIC	*FILTER,C SFE10.7MS3GH(RD)	
		CF102	616-010B	FILTER CERAMIC	*FILTER,C SFE10.7MS3GH(RD)	
		CF103	616-010B	FILTER CERAMIC	*FILTER,C SFE10.7MS3GH(RD)	
		CF104	616-002E	FILTER CERAMIC	*FILTER,C AM SFZ450F3L	
		CF106	616-020C	FILTER CERAMIC	*RESONATOR,C CSB456F11	
		CF551	616-020B	FILTER CERAMIC	*RESONATOR,C CSB455EBL	
		CN111	561-715F	CONNECTOR	*WAFER, G/S GIL-G-06P-S3T2-EA	
		CN803	561-711D	CONNECTOR	*WAFER,G/S GIL-S-04P-S2T2-EF	
		CN806	561-646H	CONNECTOR	CONNECTOR MLX 520110810,08PIN	
		CN807	561-646H	CONNECTOR	CONNECTOR MLX 520110810,08PIN	
		CP808	561-658E	CONNECTOR	WAFER HAN RIM LW-0640-05A(N-L	
		CP809	561-715D	CONNECTOR	*WAFER, G/S GIL-G-04P-S3T2-E	
		CP811	561-715D	CONNECTOR	*WAFER, G/S GIL-G-04P-S3T2-E	
		CR501	617T601D	CRYSTAL	4.5MHZ HC-18U	
		C101	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C102	0CE3376F618	CAPACITOR,CERAMIC	330MF-16V 8X11.5 TAPPING SMS	
		C103	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C104	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C105	0CN1030F678	C,CK-TUBULAR 10000PF-M Y 16		
		C106	0CE4771F630	CAPACITOR,ELECTROLYTIC	10X20 470MF-16V SM MC(P=5)	
		C110	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C117	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C118	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C119	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C120	0CE1046K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.1UF-50V 5X11 -	
		C121	0CE3356K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 3.3UF-50V 5X11 R	
		C122	0CN1510K518	CAPACITOR,TUBLAR	CK,AXIAL 150PF-K50V B 1.9X3.5	
		C123	0CC5600K415	CAPACITOR,CERAMIC	DIO(TWP-8102 BG1)	
		C124	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C125	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C126	0CE3356K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 3.3UF-50V 5X11 R	
		C127	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C128	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C129	0CQ1531N409	CAPACITOR,POLYESTER	C,POLYESTER 0.015-J 100V-R	
		C130	0CX3900K408	C,CC-TUBULAR 39PF-J SL 50V		

[REPLACEMENT PARTS LIST] PAGE : 2

MODEL : FMH-40L BG1 RUN-DATE : 90.08.06

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C131	0CX3900K408	C,CC-TUBULAR 39PF-J SL 50V		
		C132	0CC1010K415	CAPACITOR,CERAMIC	C,CERAMIC CC 100PF-J CH 50V	
		C133	0CQ3931N409	CAPACITOR,POLYESTER	C,POLYESTER 0.039MF-J 100V -R	
		C134	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C135	0CC6810K505	CAPACITOR,CERAMIC	C,CERAMIC CC 680PF-K SL 50V -	
		C136	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C137	0CY5110K490	CAPACITOR,POLYSTYROL	C,STYROL 510PF-JR 50V HI-HEAT	
		C138	0CY5110K490	CAPACITOR,POLYSTYROL	C,STYROL 510PF-JR 50V HI-HEAT	
		C139	0CE2266F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 22UF-16V 50X11-R	
		C140	0CN1030F678	C,CK-TUBULAR 10000PF-M Y 16		
		C141	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C142	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C143	0CE2246K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.22UF-50V 5X11	
		C144	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C145	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C146	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C147	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C148	0CN1030F678	C,CK-TUBULAR 10000PF-M Y 16		
		C149	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C150	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C151	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C152	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C154	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C160	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C163	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C170	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C1700	624-005C	CAPACITOR ELECTROLYTIC	*C,DE7150FZ103P BEAB/U/S VA1K	
		C182	0CY4710K490	CAPACITOR,POLYSTYROL	C,STYROL 470PF-JR 50V HI-HEAT	
		C183	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C184	0CY1810K490	CAPACITOR,POLYSTYROL	C,STYROL 180PF-JR 50V HI-HEAT	
		C185	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C186	0CC1800K415	C,CERAMIC CC 18P-J NP=0 50V		
		C187	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C188	0CC1010K415	CAPACITOR,CERAMIC	C,CERAMIC CC 100PF-J CH 50V	
		C190	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C191	0CC1010K415	CAPACITOR,CERAMIC	C,CERAMIC CC 100PF-J CH 50V	
		C192	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C193	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C194	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C195	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C196	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C197	0CC3900K415	CAPACITOR,CERAMIC	39PF-J CH 50V	
		C198	0CC1010K415	CAPACITOR,CERAMIC	C,CERAMIC CC 100PF-J CH 50V	
		C199	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C201	0CY2510K490	CAPACITOR,POLYSTYROL	C,STYROL 250PF-JR 50V HI-HEAT	
		C202	0CY5110K490	CAPACITOR,POLYSTYROL	C,STYROL 510PF-JR 50V HI-HEAT	
		C203	0CY7510K490	CAPACITOR,POLYSTYROL	750PF-JR 50V HI-HEAT	
		C204	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C205	0CQ1231N409	CAPACITOR,POLYESTER	C,POLYESTER 0.012-J 100V-R	
		C206	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C207	0CQ3931N409	CAPACITOR,POLYESTER	C,POLYESTER 0.039MF-J 100V -R	
		C208	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C209	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C210	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C211	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C212	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C213	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C214	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C215	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C216	0CC1210K505	CAPACITOR,CERAMIC	C,CERAMIC CC 120PF-K SL 50V-R	
		C217	0CQ1021N409	CAPACITOR,POLYESTER	C,POLYESTER 0.001-J 100V-R	
		C218	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C219	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C221	0CE4771F630	CAPACITOR,ELECTROLYTIC	10X20 470MF-16V SM MC(P=5)	
		C222	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C223	0CE6846K618	CAPACITOR,ELECTORLYTIC	C,ELECTROLYTIC 0.68MF 50V-R	
		C224	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C225	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C226	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C227	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C228	0CC6800K415	CAPACITOR,CERAMIC	C,CERAMIC CC 68PF-J NP=0 50V	
		C229	0CQ2221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0022-J 100V-R	
		C230	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C249	0CC2010K505	CAPACITOR,CERAMIC	C,CERAMIC CC 200PF-K SL 50V-R	
		C249	0CC1510K505	CAPACITOR,CERAMIC	C,CERAMIC CC 150P-K SL 50V -R	
		C251	0CY2510K490	CAPACITOR,POLYSTYROL	C,STYROL 250PF-JR 50V HI-HEAT	
		C252	0CY5110K490	CAPACITOR,POLYSTYROL	C,STYROL 510PF-JR 50V HI-HEAT	
		C253	0CY7510K490	CAPACITOR,POLYSTYROL	750PF-JR 50V HI-HEAT	
		C254	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C255	0CQ1231N409	CAPACITOR,POLYESTER	C,POLYESTER 0.012-J 100V-R	
		C257	0CQ3931N409	CAPACITOR,POLYESTER	C,POLYESTER 0.039MF-J 100V -R	
		C261	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C264	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C265	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C266	0CC1210K505	CAPACITOR,CERAMIC	C,CERAMIC CC 120PF-K SL 50V-R	
		C267	0CQ1021N409	CAPACITOR,POLYESTER	C,POLYESTER 0.001-J 100V-R	
		C268	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C269	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C272	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C273	0CE6846K618	CAPACITOR,ELECTORLYTIC	C,ELECTROLYTIC 0.68MF 50V-R	
		C275	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C276	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C277	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C278	0CC6800K415	CAPACITOR,CERAMIC	C,CERAMIC CC 68PF-J NP=0 50V	
		C279	0CQ2221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0022-J 100V-R	
		C299	0CC2010K505	CAPACITOR,CERAMIC	C,CERAMIC CC 200PF-K SL 50V-R	
		C299	0CC1510K505	CAPACITOR,CERAMIC	C,CERAMIC CC 150P-K SL 50V -R	
		C301	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C302	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C304	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C305	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C306	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C307	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C308	0CE4746K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.47UF-50V 5X11	
		C309	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C310	0CC8210K505	CAPACITOR,CERAMIC		
		C311	0CQ1031N409	CAPACITOR,POLYESTER	C,POLYESTER 0.01-J 100V-R	
		C312	0CC6800K415	CAPACITOR,CERAMIC	C,CERAMIC CC 68PF-J NP=0 50V	
		C319	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C320	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C352	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C354	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C355	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C356	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C358	0CE4746K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.47UF-50V 5X11	
		C360	0CC8210K505	CAPACITOR,CERAMIC		
		C361	0CQ1031N409	CAPACITOR,POLYESTER	C,POLYESTER 0.01-J 100V-R	
		C362	0CC6800K415	CAPACITOR,CERAMIC	C,CERAMIC CC 68PF-J NP=0 50V	
		C401	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C402	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C403	0CN1010K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 100PF-K B 50V	
		C404	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C410	0CC2010K505	CAPACITOR,CERAMIC	C,CERAMIC CC 200PF-K SL 50V-R	
		C411	0CY1220R490	CAPACITOR,POLYSTYROL	C,STYROL 1200PF-JR 250V H-HEA	
		C412	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C413	0CQ2231N409	CAPACITOR,POLYESTER	C,POLYESTER 0.022MF-J 100V -R	
		C414	0CC6810K505	CAPACITOR,CERAMIC	C,CERAMIC CC 680PF-K SL 50V -	
		C415	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C416	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C417	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C420	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C440	0CC1510K505	CAPACITOR,CERAMIC	C,CERAMIC CC 150P-K SL 50V -R	
		C441	0CN3310K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 330PF-J B 50V	
		C441	0CC3310K505	CAPACITOR,CERAMIC	C,CERAMIC CC 330P-K SL 50V -R	
		C442	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C460	0CC2010K505	CAPACITOR,CERAMIC	C,CERAMIC CC 200PF-K SL 50V-R	
		C490	0CC1510K505	CAPACITOR,CERAMIC	C,CERAMIC CC 150P-K SL 50V -R	
		C491	0CN3310K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 330PF-J B 50V	
		C491	0CC3310K505	CAPACITOR,CERAMIC	C,CERAMIC CC 330P-K SL 50V -R	
		C500	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C501	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C502	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C503	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C504	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	
		C505	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C506	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C507	624-034A	CAPACITOR ELECTROLYTIC DOIB	C,GOLD CON 0.1F-5.5V 13.5X9.5	
		C508	0CC3900K405	CAPACITOR,CERAMIC	CC 39PF-J 50V	
		C509	0CC3900K405	CAPACITOR,CERAMIC	CC 39PF-J 50V	
		C510	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C511	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C512	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C513	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C514	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C515	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C516	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C517	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C518	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C520	0CK2230K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.022UF-Z 50V -R	
		C521	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	
		C522	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	
		C550	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C551	0CC6800K400	CAPACITOR,CERAMIC	C,CERAMIC CC 68PF-J SL 50V	
		C552	0CC6800K400	CAPACITOR,CERAMIC	C,CERAMIC CC 68PF-J SL 50V	
		C553	0CE4766F610	CAPACITOR,ELECTORLYTIC	C,ELECTROLYTIC 47MF 16V	
		C600	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C601	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C602	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C603	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C604	0CE3366F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 33UF-16V 5X11 -R	
		C606	0CC4710K505	CAPACITOR,CERAMIC	C,CERAMIC CC 470P-K SL 50V -R	
		C607	0CQ2731N409	CAPACITOR,POLYESTER	C,POLYESTER 0.027MF-J 100V R	
		C608	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C609	0CN8210K518	CAPACITOR,TUBLAR	CK,AXIAL 820PF-K50V B 1.9X3.5	
		C609	0CC8210K505	CAPACITOR,CERAMIC		
		C610	0CE4746K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.47UF-50V 5X11	
		C611	0CQ2721N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0027IF--J 50V	
		C612	0CE1046K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.1UF-50V 5X11 -	
		C613	0CC8210K505	CAPACITOR,CERAMIC		
		C614	0CQ3331N409	CAPACITOR,POLYESTER	C,POLYESTER 0.033MF-J 100V -R	
		C615	0CN2710K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 270PF-K B 50V	
		C617	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C618	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C625	0CN2200K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 220PF-K B 50V	
		C627	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C628	0CN1510K518	CAPACITOR,TUBLAR	CK,AXIAL 150PF-K50V B 1.9X3.5	
		C629	0CE2266F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 22UF-16V 50X11-R	
		C630	0CQ8221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0082MF-J 100V-R	
		C631	0CQ2221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0022-J 100V-R	
		C632	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C633	0CE2275F610	CAPACITOR,ELECTORLYTIC	C, ELECT CE04 220MF-16T 10X9	
		C634	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C635	0CC1510K505	CAPACITOR,CERAMIC	C,CERAMIC CC 150P-K SL 50V -R	
		C637	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C638	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C639	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C640	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C641	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C642	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C643	0CE4746K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.47UF-50V 5X11	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C644	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C645	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C646	0CE2275F610	CAPACITOR,ELECTORLYTIC	C, ELECT CE04 220MF-16T 10X9	
		C647	0CE2275F610	CAPACITOR,ELECTORLYTIC	C, ELECT CE04 220MF-16T 10X9	
		C648	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C651	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C652	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C653	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C654	0CE3366F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 33UF-16V 5X11 -R	
		C655	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C656	0CC4710K505	CAPACITOR,CERAMIC	C,CERAMIC CC 470P-K SL 50V -R	
		C657	0CQ2731N409	CAPACITOR,POLYESTER	C,POLYESTER 0.027MF-J 100V R	
		C658	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C659	0CN8210K518	CAPACITOR,TUBLAR	CK,AXIAL 820PF-K50V B 1.9X3.5	
		C659	0CC8210K505	CAPACITOR,CERAMIC		
		C660	0CE4746K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.47UF-50V 5X11	
		C661	0CQ2721N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0027IF--J 50V	
		C662	0CE1046K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.1UF-50V 5X11 -	
		C663	0CN8210K518	CAPACITOR,TUBLAR	CK,AXIAL 820PF-K50V B 1.9X3.5	
		C664	0CQ3331N409	CAPACITOR,POLYESTER	C,POLYESTER 0.033MF-J 100V -R	
		C665	0CN2710K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 270PF-K B 50V	
		C667	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C668	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C669	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C675	0CN2200K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 220PF-K B 50V	
		C677	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C678	0CN1510K518	CAPACITOR,TUBLAR	CK,AXIAL 150PF-K50V B 1.9X3.5	
		C679	0CE2266F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 22UF-16V 50X11-R	
		C680	0CQ8221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0082MF-J 100V-R	
		C681	0CQ2221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0022-J 100V-R	
		C682	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C683	0RD6801F608	RESISTOR,CARBON FILM	R,CARBON 6.8K-J 1/6W 5MM TAPE	
		C683	0CE2275F610	CAPACITOR,ELECTORLYTIC	C, ELECT CE04 220MF-16T 10X9	
		C684	0RD6801F608	RESISTOR,CARBON FILM	R,CARBON 6.8K-J 1/6W 5MM TAPE	
		C684	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C685	0CC1510K505	CAPACITOR,CERAMIC	C,CERAMIC CC 150P-K SL 50V -R	
		C687	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C688	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C689	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C690	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C694	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C695	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C696	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C698	0CE2256K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 2.2UF-50V 5X11 -	
		C701	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C704	0CE2266F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 22UF-16V 50X11-R	
		C705	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C706	0CQ2241N405	CAPACITOR POLYESTER	0.22MF-J 100V NO CUT P=7.5	
		C707	0CN1510K518	CAPACITOR,TUBLAR	CK,AXIAL 150PF-K50V B 1.9X3.5	
		C708	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C709	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C710	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C721	0CE3386H650	CAPACITOR,ELECTROLYTIC	18X40 3300MF-25V SM MC(P=7.5)	
		C723	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C724	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C725	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C726	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C728	0CE4771F630	CAPACITOR,ELECTROLYTIC	10X20 470MF-16V SM MC(P=5)	
		C729	0CE3386H650	CAPACITOR,ELECTROLYTIC	18X40 3300MF-25V SM MC(P=7.5)	
		C730	0CE4771F630	CAPACITOR,ELECTROLYTIC	10X20 470MF-16V SM MC(P=5)	
		C731	0CE2275F610	CAPACITOR,ELECTORLYTIC	C, ELECT CE04 220MF-16T 10X9	
		C751	0CE4756K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 4.7UF-50V 5X11 -	
		C754	0CE2266F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 22UF-16V 50X11-R	
		C755	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C756	0CQ2241N405	CAPACITOR POLYESTER	0.22MF-J 100V NO CUT P=7.5	
		C757	0CN1510K518	CAPACITOR,TUBLAR	CK,AXIAL 150PF-K50V B 1.9X3.5	
		C758	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C759	0CG4730K565	CAPACITOR,SEMI SERAMIC	C,SEMI SERAMIC 0.047MF-K 50V	
		C794	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	
		C795	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	
		C798	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	
		C799	0CK4730K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.047UF-Z 50V -R	
		C801	0CE4766D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-10V 5X11 -R	
		C802	0CX8R20K478	CAPACITOR,TUBLAR	CC,AXAIL 8.2PF-J50V UJ 1.9*3.	
		C803	0CQ2221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0022-J 100V-R	
		C804	0CQ3331N409	CAPACITOR,POLYESTER	C,POLYESTER 0.033MF-J 100V -R	
		C805	0CE2266D618	CAPACITOR,ELECTORLYTIC	C,ELECTROLYTIC 22MF 10V-R	
		C806	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C807	0CQ1031N409	CAPACITOR,POLYESTER	C,POLYESTER 0.01-J 100V-R	
		C808	0CQ1031N409	CAPACITOR,POLYESTER	C,POLYESTER 0.01-J 100V-R	
		C809	0CE4746K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.47UF-50V 5X11	
		C810	0CQ1031N409	CAPACITOR,POLYESTER	C,POLYESTER 0.01-J 100V-R	
		C811	0CQ6821N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0068MF-J 100V-R	
		C812	0CE4766D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-10V 5X11 -R	
		C813	0CN2220F668	C,CK-TUBULAR 2200PF-M X 16V		
		C814	0CE2266D618	CAPACITOR,ELECTORLYTIC	C,ELECTROLYTIC 22MF 10V-R	
		C815	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C816	0CQ3331N409	CAPACITOR,POLYESTER	C,POLYESTER 0.033MF-J 100V -R	
		C817	0CE3356K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 3.3UF-50V 5X11 R	
		C818	0CQ1041N409	CAPACITOR,POLYESTER	C,POLYESTER 0.1MF-J 100V -R-	
		C819	0CE4766D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-10V 5X11 -R	
		C820	0CN1030F678	C,CK-TUBULAR 10000PF-M Y 16		
		C821	0CE2266D618	CAPACITOR,ELECTORLYTIC	C,ELECTROLYTIC 22MF 10V-R	
		C822	0CN1010K518	CAPACITOR,TUBLAR	C,CK-TUBULAR 100PF-K B 50V	
		C823	0CK1020K915	CAPACITOR,CERAMIC	C,CERAMIC CK 0.001MF-Z 50V -R	
		C824	0CQ4721N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0047-J 100V-R	
		C825	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C826	0CE4766D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-10V 5X11 -R	
		C827	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C828	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C829	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C831	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C832	0CK1040K915	CAPACITOR,CERAMIC		
		C833	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C834	0CE1066F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 10UF-16V 5X11 -R	
		C835	0CK1040K915	CAPACITOR,CERAMIC		
		C836	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C837	0CE4766D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-10V 5X11 -R	
		C838	0CK1040K915	CAPACITOR,CERAMIC		
		C839	0CQ2241N405	CAPACITOR POLYESTER	0.22MF-J 100V NO CUT P=7.5	
		C840	0CK1040K915	CAPACITOR,CERAMIC		
		C841	0CK1040K915	CAPACITOR,CERAMIC		
		C845	0CE1076D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF-10V 6.3X11	
		C846	0CE1076D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF-10V 6.3X11	
		C847	0CE4766F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-16V 6.3X11	
		C848	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C851	0CE4746K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.47UF-50V 5X11	
		C852	0CQ3331N409	CAPACITOR,POLYESTER	C,POLYESTER 0.033MF-J 100V -R	
		C853	0CC2200K415	CAPACITOR,CERAMIC		
		C854	0CC2200K415	CAPACITOR,CERAMIC		
		C855	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C856	0CE4766D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-10V 5X11 -R	
		C857	0CE4766D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 47UF-10V 5X11 -R	
		C858	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C865	0CE3366D618	CAPACITOR,ELECTORLYTIC	C,ELETROLYTIC 33MF-16V -R-	
		C866	0CN2230F948	CAPACITOR,TUBLAR	C,CK-TUBULAR 22000PF-Z F 16V	
		C868	0CE1076D618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF-10V 6.3X11	
		C870	0CK1040K915	CAPACITOR,CERAMIC		
		C871	0CE3346K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.33UF-50V 5X11	
		C872	0CE3346K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 0.33UF-50V 5X11	
		C873	0CQ2221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0022-J 100V-R	
		C874	0CQ2221N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0022-J 100V-R	
		C877	0CX4R70K518	CAPACITOR,TUBLAR	CC,AXIAL 4.7PF-K50V CH 1.9X3.	
		C878	0CX4R70K518	CAPACITOR,TUBLAR	CC,AXIAL 4.7PF-K50V CH 1.9X3.	
		C881	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C882	0CE1056K618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 1UF-50V 5X11 -R-	
		C883	0CQ6831N409	CAPACITOR,POLYESTER	C,POLYESTER 0.068MF-J 100V-R	
		C884	0CQ6831N409	CAPACITOR,POLYESTER	C,POLYESTER 0.068MF-J 100V-R	
		C885	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C886	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C887	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C888	0CN1020K518	CAPACITOR,TUBLAR	CK,AXIAL 0.001MF-K50 B 1.9X3.	
		C889	0CQ4721N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0047-J 100V-R	
		C890	0CQ4721N409	CAPACITOR,POLYESTER	C,POLYESTER 0.0047-J 100V-R	
		C891	0CE3366D618	CAPACITOR,ELECTORLYTIC	C,ELETROLYTIC 33MF-16V -R-	
		C892	0CE3366D618	CAPACITOR,ELECTORLYTIC	C,ELETROLYTIC 33MF-16V -R-	
		C893	0CE2286F630	CAPACITOR,ELECTROLYTIC	12.5X25 2200MMF-16V SR MC(P=5	
		C894	0CE1086F630	CAPACITOR,ELECTROLYTIC	12.5X25 1000MF-16V SM MC(P=5)	
		C895	0CK1040K915	CAPACITOR,CERAMIC		
		C896	0CK1040K915	CAPACITOR,CERAMIC		

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		C897	0CK1040K915	CAPACITOR,CERAMIC		
		C898	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C899	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C911	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		C912	0CE1076F618	CAPACITOR,ELECTORLYTIC	C,ELECT CE04 100UF 16V 8X11.5	
		D103	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D104	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D105	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D106	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D107	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D111	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D153	0DZ510009FA	DIODE BIASING	*DIODE,ZENER DZ5.1B(UZ5.1B)	
		D154	0DZ510009FA	DIODE BIASING	*DIODE,ZENER DZ5.1B(UZ5.1B)	
		D181	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D182	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D183	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D184	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D185	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D186	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D187	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D411	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D412	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D413	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D414	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D415	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D416	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D501	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D504	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D505	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D510	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D512	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D518	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D520	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D521	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D526	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D527	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D528	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D529	0DD414809GA	DIODE	*DIODE,SWITCH DS4148 AUTO	
		D601	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D602	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D603	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D701	0DD400109BA	DIODE RECTIFIER	RECT RL1N4001T1A RECTRON	
		D702	0DD400109BA	DIODE RECTIFIER	RECT RL1N4001T1A RECTRON	
		D703	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D720	0DD604000BA	DIODE RECTIFIER	*DIODE,RECT KBPC604 G.I	
		D721	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D751	0DD400109BA	DIODE RECTIFIER	RECT RL1N4001T1A RECTRON	
		D752	0DD400109BA	DIODE RECTIFIER	RECT RL1N4001T1A RECTRON	
		D801	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D802	0DZ750009CA	DIODE BIASING	DIODE,ZENER UZ7.5B,M(TP-B) (S	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		D803	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D806	0DD400209BA	DIODE RECTIFIER	RECT RL1N4002T1A RECTRON (S	
		D807	0DD400209BA	DIODE RECTIFIER	RECT RL1N4002T1A RECTRON (S	
		D808	0DD400209BA	DIODE RECTIFIER	RECT RL1N4002T1A RECTRON (S	
		D809	0DD400209BA	DIODE RECTIFIER	RECT RL1N4002T1A RECTRON (S	
		D819	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D820	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D821	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D822	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D901	659-023D	DISPLAY	DISPLAY LED LTD-482PC LITO	
		D902	0DL540009AF	LED	SLR-54URC 80F 215,ROHM	
		D903	0DL540009AF	LED	SLR-54URC 80F 215,ROHM	
		D904	0DL150009AA	LED	SLB-15VR 80F 215,ROHM	
		D905	0DL540009AF	LED	SLR-54URC 80F 215,ROHM	
		D906	0DL150009AA	LED	SLB-15VR 80F 215,ROHM	
		D907	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D908	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D909	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D910	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		D911	0DD132009AA	DIODE	*DIODE,SWITCH 1SS132 AUTO	
		FND1	521-026D	TUNER RADIO CAR	FM,FE407-G60 FTZ MITSUMI	
		F701	586-001C	FUSE HOLDER	*HOLDER,FUSE KS PIN-T 5X20	
		IC101	0ISA126600A	INTEGRATED CIRCUIT	AL1266 AM/FM IF SANYO	
		IC102	0ISA340100A	INTEGRATED CIRCUIT	LA3401 MPX SANYO	
		IC201	0ISA324600A	INTEGRATED CIRCUIT	,LA3246 PRE AMP P/B SANYO	
		IC220	0ISO110100A	INTEGRATED CIRCUIT	IC, CXA1101 DOLBY-B SON	
		IC330	0ISO129800A	INTEGRATED CIRCUIT	CXA1298AP REC EQ	
		IC501	0ISA723000C	INTEGRATED CIRCUIT	LC7230-8272 DTS FOR HIFI SANY	
		IC551	0ISA746100A	INTEGRATED CIRCUIT	LC7461M RENO-TRAMS TX SANYO(S	
		IC601	0ISS228400A	INTEGRATED CIRCUIT	*IC,KA2284 5DOT GR EQ S/S	
		IC602	0IKE690000A	INTEGRATED CIRCUIT	*IC,KIA7796Z 5DOT GR EQ KEC	
		IC603	0IKE455800A	INTEGRATED CIRCUIT	*IC,KIA75558P DUAL OP AMP KEC	
		IC604	0ISA782100A	INTEGRATED CIRCUIT	LC7821 ANALOG S/W 2C*8P SANYO	
		IC605	0IT0915300A	INTEGRATED CIRCUIT	*IC,TC9153AP E-VOLM T/B	
		IC651	0ISS228400A	INTEGRATED CIRCUIT	*IC,KA2284 5DOT GR EQ S/S	
		IC652	0IKE690000A	INTEGRATED CIRCUIT	*IC,KIA7796Z 5DOT GR EQ KEC	
		IC701	0ISG203000A	IC AN6884 DRIVE 5-DOT		
		IC702	0ISG203000A	IC AN6884 DRIVE 5-DOT		
		IC703	0IGS780900A	INTEGRATED CIRCUIT	GL7809 VOL-REGULATE G/S	
		IC704	0INS780500C	INTEGRATED CIRCUIT	LM7805CT VOL-REGULATOR N/S (S	
		IC705	0INS781200A	INTEGRATED CIRCUIT	LM7812CT VOL-REGULATOR N/S	
		IC706	0INS791200A	INTEGRATED CIRCUIT	LM7912CT VOL-REGU N/S	
		IC801	0ISO108100A	INTEGRATED CIRCUIT	,CXA1081S RF AMP(CD) SONY	
		IC802	0ISO108200A	INTEGRATED CIRCUIT	CXA1082 SERVO SP(CD) SONY	
		IC803	0INE637600A	INTEGRATED CIRCUIT	UPD6376CX DAC FOR CD NEC	
		IC804	0INE457000A	INTEGRATED CIRCUIT	IC,UPC4570 DUAL OP AMP NEC	
		IC805	0ISO113000A	INTEGRATED CIRCUIT	CXD1130Q DSP(CD) SONY	
		IC806	0ISO503409B	INTEGRATED CIRCUIT	CXP-5034H-097S U-COM SONY	
		IC807	0ISA652000A	INTEGRATED CIRCUIT	,LA6520 18W-PWR OP AMPSANYO	
		IC808	0ISA651000A	INTEGRATED CIRCUIT	LA6510 DRIVE CD SANYO	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		IC809	0IM0780500B	INTEGRATED CIRCUIT	MC7805 VOLT REGULATOR MOTO	
		IC810	0IM0790500A	INTEGRATED CIRCUIT	MC7905 VOLT REGULATOR MOTO	
		IC813	668-508I	INTEGRATED CIRCUIT	HM6116-120 16K S-RAM HMC	
		J401	572-259A	JACK 6.4	HTJ064-05B W/N.W KUNMING (S	
		J705(	572-259A	JACK 6.4	HTJ064-05B W/N.W KUNMING (S	
		LD410	0DL208000AA	LED	*LED,KLR208E,RD KEC	
		LD551	0DL110000AA	LED	*LED(ONFRARED) EL-1L1(10D)	
		LD553	0DL120000AA	LED	*LED*(INFRARED) EL-1L2(30D)	
		LD554	0DL124000AB	LED	D,KLR124E,RD KEC	
		LED601	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED602	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED603	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED604	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED605	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED651	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED652	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED653	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED654	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LED655	0DL540000AD	LED	LED,SLR54GC3-P)20-30MCD),GN	
		LPF101	638-102A	COIL TRAP FM	*COIL,MPX FILTER 19K, 38K	
		LPF102	638-102A	COIL TRAP FM	*COIL,MPX FILTER 19K, 38K	
		L101	631-610C	COIL ANTENNA	COIL RF MW 10	
		L102	631-606H	COIL ANTENNA	LW ANT 10	
		L103	634-038A	COIL OSCILLATOR	OSC MW 7(S-111-105)	
		L104	634-038L	COIL OSCILLATOR	OSC LW 7 (592UH)	
		L107	637-010A	INDUCTOR	INDUCTOR F 39MH RC875-393K-7	
		L181	637-601D	INDUCTOR	*INDUCTOR, F 20.8MH	
		L201	638-601C	COIL TRAP FM	*COIL, TRAP	
		L202	637-008A	INDUCTOR	INDUCTOR,F 33MH (CAP-CORE)	
		L251	638-601C	COIL TRAP FM	*COIL, TRAP	
		L252	637-008A	INDUCTOR	INDUCTOR,F 33MH (CAP-CORE)	
		L301	637-008A	INDUCTOR	INDUCTOR,F 33MH (CAP-CORE)	
		L351	637-008A	INDUCTOR	INDUCTOR,F 33MH (CAP-CORE)	
		L410	634-036C	COIL OSCILLATOR	*COIL, OSC TAPE 10	
		L411	639-003G	INDUCTOR	*INDUCTOR, F 1MH	
		L720	637-604A	INDUCTOR	*INDUCTOR,F 47UH(2CORE)	
		L770	637-604A	INDUCTOR	*INDUCTOR,F 47UH(2CORE)	
		PL501	AAC-125G	LAMP	LAMP.P 14V 40MA 250 3.20	
		PL502	AAC-125G	LAMP	LAMP.P 14V 40MA 250 3.20	
		PL503	AAC-125G	LAMP	LAMP.P 14V 40MA 250 3.20	
		PN101	561-646J	CONNECTOR	CONNECTOR MLX 520111010,10PIN	
		PN102	561-646L	CONNECTOR	CONNECTOR MLX 520111210,12PIN	
		PN103	561-646J	CONNECTOR	CONNECTOR MLX 520111010,10PIN	
		PN105	561-715H	CONNECTOR	*WAFER,G/S GIL-G-08P-S3T2-E	
		PN106	561-715F	CONNECTOR	*WAFER, G/S GIL-G-06P-S3T2-EA	
		PN107	561-715B	CONNECTOR	*WAFER, G/S GIL-G-02P-S3T2-E	
		PN110	561-715F	CONNECTOR	*WAFER, G/S GIL-G-06P-S3T2-EA	
		PN115	561-715C	CONNECTOR	*WAFER, G/S GO:-G-03P-S3T2-E	
		PN411	561-715J	CONNECTOR	*WAFER,G/S GIL-G10P-S3T2-E	
		Q101	0TR319209AA	TRANSISTOR	TR,KEC KTC380TM-0 TAPE TO-92	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		Q106	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q107	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q108	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q121	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q122	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q123	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q124	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q125	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q126	667J009A	FET	KTK161-Y TAPE MINI KEC	
		Q201	0TR102009AF	TRANSISTOR	KRC1202-TP KEC	
		Q202	0TR319809AD	TRANSISTOR	KTC732TM-TP-GR NPN TO92 KEC	
		Q203	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q204	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q205	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q206	0TR319809AD	TRANSISTOR	KTC732TM-TP-GR NPN TO92 KEC	
		Q207	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q251	0TR102009AF	TRANSISTOR	KRC1202-TP KEC	
		Q252	0TR319809AD	TRANSISTOR	KTC732TM-TP-GR NPN TO92 KEC	
		Q253	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q254	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q255	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q256	0TR319809AD	TRANSISTOR	KTC732TM-TP-GR NPN TO92 KEC	
		Q401	0TR319809AD	TRANSISTOR	KTC732TM-TP-GR NPN TO92 KEC	
		Q410	0TR127109AA	TRANSISTOR	TR,KEC KTA950-Y TAPE TO-92	
		Q411	0TR102009AF	TRANSISTOR	KRC1202-TP KEC	
		Q412	0TR320309AA	TRANSISTOR	TR,KEC KTC2120-Y TAPE TO-92	
		Q413	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q414	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q415	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q416	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q417	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q420	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q421	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q422	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q430	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q501	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q502	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q503	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q504	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q507	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q551	0TR319800AB	TRANSISTOR	*TR,KEC KTC1815-GR AF NPN TO9	
		Q552	0TR319800AB	TRANSISTOR	*TR,KEC KTC1815-GR AF NPN TO9	
		Q601	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q603	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q605	0TR319809AD	TRANSISTOR	KTC732TM-TP-GR NPN TO92 KEC	
		Q606	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q607	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q608	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q651	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q655	0TR319809AD	TRANSISTOR	KTC732TM-TP-GR NPN TO92 KEC	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		Q656	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q702	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q752	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q801	0TR127109AA	TRANSISTOR	TR,KEC KTA950-Y TAPE TO-92	
		Q802	0TR340009AA	TRANSISTOR	TR,2SC3400 TAPE NPN S/W SANY	
		Q803	0TR340009AA	TRANSISTOR	TR,2SC3400 TAPE NPN S/W SANY	
		Q804	0TR101209AA	TRANSISTOR	TR,2SD1012-G TAPE AF SANY	
		Q805	0TR101209AA	TRANSISTOR	TR,2SD1012-G TAPE AF SANY	
		Q806	0TR101209AA	TRANSISTOR	TR,2SD1012-G TAPE AF SANY	
		Q807	0TR101209AA	TRANSISTOR	TR,2SD1012-G TAPE AF SANY	
		Q808	0TR103009AF	TRANSISTOR	KRA2203-TP KEC (S	
		Q809	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q810	0TR103009AF	TRANSISTOR	KRA2203-TP KEC (S	
		Q811	0TR340009AA	TRANSISTOR	TR,2SC3400 TAPE NPN S/W SANY	
		Q812	0TR340009AA	TRANSISTOR	TR,2SC3400 TAPE NPN S/W SANY	
		Q813	0TR320509AB	TRANSISTOR	TR,KEC KTC2236A-Y TAPE TO-92M	
		Q814	0TR127309AA	TRANSISTOR	KAT966A-Y TAPE TO-92MOD KEC(S	
		Q815	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q816	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q818	0TR319809AB	TRANSISTOR	TR,KEC KTC1815-GR AF NPN TO9	
		Q819	0TR110009AE	TRANSISTOR	TR,KEC KRC1210 TAPE MINI	
		Q820	0TR110009AE	TRANSISTOR	TR,KEC KRC1210 TAPE MINI	
		Q821	0TR110009AE	TRANSISTOR	TR,KEC KRC1210 TAPE MINI	
		Q822	0TR110009AE	TRANSISTOR	TR,KEC KRC1210 TAPE MINI	
		Q823	0TR319809AA	TRANSISTOR	*TR,KEC KTC1815-Y AF NPN TO-9	
		Q901	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q902	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q903	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		Q917	0TR126609AB	TRANSISTOR	*TR,KEC KTA1015-GRAF PNPTO-92	
		R100	0RD0332F608	RESISTOR,CARBON FILM	R,CARBON 33-J 1/6W 5MM TAPE	
		R101	0RD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R102	0RD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R103	0RD0332F608	RESISTOR,CARBON FILM	R,CARBON 33-J 1/6W 5MM TAPE	
		R104	0RD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R105	0RD3300F608	RESISTOR,CARBON FILM	R,CARBON 330-J 1/6W 5MM TAPE	
		R106	0RD5600F608	RESISTOR,CARBON FILM	R,CARBON 560-J 1/6W 5MM TAPE	
		R107	0RD1200F608	RESISTOR,CARBON FILM	R, CARBON FILM 120-J 1/6WTAP	
		R110	0RD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R115	0RD0331F608	RESISTOR,CARBON FILM	3.3-J 1/6W 5MM TAPE	
		R116	0RD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R117	0RD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R118	0RD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R119	0RD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R121	0RD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R122	0RD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R123	0RD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R124	0RD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R125	0RD0222F608	RESISTOR,CARBON FILM	R,CARBON 22-J 1/6W 5MM TAPE	
		R126	0RD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R127	0RD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R128	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R129	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R130	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R131	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R132	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R133	ORD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R134	ORD2200F608	RESISTOR,CARBON FILM	R,CARBON 220-J 1/6W 5MM TAPE	
		R135	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R136	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R137	ORD0332F608	RESISTOR,CARBON FILM	R,CARBON 33-J 1/6W 5MM TAPE	
		R139	ORD0332F608	RESISTOR,CARBON FILM	R,CARBON 33-J 1/6W 5MM TAPE	
		R140	ORD1203F608	RESISTOR,CARBON FILM	R,CARBON 120K-J 1/6W 5MM TAPE	
		R141	ORD1203F608	RESISTOR,CARBON FILM	R,CARBON 120K-J 1/6W 5MM TAPE	
		R142	ORD1203F608	RESISTOR,CARBON FILM	R,CARBON 120K-J 1/6W 5MM TAPE	
		R143	ORD1203F608	RESISTOR,CARBON FILM	R,CARBON 120K-J 1/6W 5MM TAPE	
		R144	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R145	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R146	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R147	ORD3902F608	RESISTOR,CARBON FILM	R,CARBON 39K-J 1/6W 5MM TAPE	
		R148	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R149	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R150	ORD8200F608	RESISTOR,CARBON FILM	R,CARBON 820-J 1/6W2W 5MM TAP	
		R151	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R152	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R153	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R154	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R155	ORD1500F608	RESISTOR,CARBON FILM	R,CARBON 150-J 1/6W 5MM TAPE	
		R156	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R157	ORD6802F608	RESISTOR,CARBON FILM	R,CARBON 68K-J 1/6W 5MM TAPE	
		R163	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R171	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R175	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R181	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R182	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R183	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R184	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R185	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R186	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R187	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R188	ORD5602G608	RESISTOR,CARBON FILM	R,CARBON FILM 56K-J 1/4W TAPE	
		R189	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R190	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R191	ORD5602G608	RESISTOR,CARBON FILM	R,CARBON FILM 56K-J 1/4W TAPE	
		R192	ORD2204F608	RESISTOR,CARBON FILM	R,CARBON 2.2M-J 1/6W 5MM TAPE	
		R193	ORD2204F608	RESISTOR,CARBON FILM	R,CARBON 2.2M-J 1/6W 5MM TAPE	
		R194	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R195	ORD2200F608	RESISTOR,CARBON FILM	R,CARBON 220-J 1/6W 5MM TAPE	
		R196	ORD2204F608	RESISTOR,CARBON FILM	R,CARBON 2.2M-J 1/6W 5MM TAPE	
		R197	ORD1500F608	RESISTOR,CARBON FILM	R,CARBON 150-J 1/6W 5MM TAPE	
		R202	ORD1500F608	RESISTOR,CARBON FILM	R,CARBON 150-J 1/6W 5MM TAPE	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R204	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R205	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R206	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R207	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R208	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R209	ORD1801F608	RESISTOR,CARBON FILM	R,CARBON 1.8K-J 1/6W 5MM TAPE	
		R210	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R211	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R212	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R213	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R214	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R215	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R216	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R217	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R218	ORD2703F608	RESISTOR,CARBON FILM	R,CARBON 270K-J 1/6W 5MM TAPE	
		R219	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R220	ORD2701F608	RESISTOR,CARBON FILM	R,CARBON 2.7K -J 1/6W 5MM TAP	
		R221	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R222	ORD1800F608	RESISTOR,CARBON FILM	R,CARBON 180-J 1/6W 5MM TAPE	
		R223	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R225	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R226	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R227	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R228	ORD2200F608	RESISTOR,CARBON FILM	R,CARBON 220-J 1/6W 5MM TAPE	
		R229	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R230	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R231	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R232	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R233	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R234	ORD8202F608	RESISTOR,CARBON FILM	R,CARBON 82K-J 1/6W 5MM TAPE	
		R235	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R236	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R237	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R238	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R239	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R240	ORD2703F608	RESISTOR,CARBON FILM	R,CARBON 270K-J 1/6W 5MM TAPE	
		R241	ORD1201F608	RESISTOR,CARBON FILM	R,CARBON 1.2K-J 1/6W 5MM TAPE	
		R242	ORD2701F608	RESISTOR,CARBON FILM	R,CARBON 2.7K -J 1/6W 5MM TAP	
		R243	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R244	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R245	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R252	ORD1500F608	RESISTOR,CARBON FILM	R,CARBON 150-J 1/6W 5MM TAPE	
		R254	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R255	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R256	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R259	ORD1801F608	RESISTOR,CARBON FILM	R,CARBON 1.8K-J 1/6W 5MM TAPE	
		R265	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R267	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R268	ORD2703F608	RESISTOR,CARBON FILM	R,CARBON 270K-J 1/6W 5MM TAPE	
		R269	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R270	ORD2701F608	RESISTOR,CARBON FILM	R,CARBON 2.7K -J 1/6W 5MM TAP	
		R271	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R272	ORD1800F608	RESISTOR,CARBON FILM	R,CARBON 180-J 1/6W 5MM TAPE	
		R273	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R275	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R280	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R281	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R282	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R283	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R284	ORD8202F608	RESISTOR,CARBON FILM	R,CARBON 82K-J 1/6W 5MM TAPE	
		R285	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R286	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R287	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R288	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R289	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R290	ORD2703F608	RESISTOR,CARBON FILM	R,CARBON 270K-J 1/6W 5MM TAPE	
		R291	ORD1201F608	RESISTOR,CARBON FILM	R,CARBON 1.2K-J 1/6W 5MM TAPE	
		R292	ORD2701F608	RESISTOR,CARBON FILM	R,CARBON 2.7K -J 1/6W 5MM TAP	
		R293	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R294	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R296	ORD5600F608	RESISTOR,CARBON FILM	R,CARBON 560-J 1/6W 5MM TAPE	
		R301	ORD3302F608	RESISTOR,CARBON FILM	R,CARBON 33K-J 1/6W 5MM TAPE	
		R302	ORD2702F608	RESISTOR,CARBON FILM	R,CARBON 27K-J 1/6W 5MM TAPE	
		R303	ORD8203F608	RESISTOR,CARBON FILM	R,CARBON 820K-J 1/6W 5MM TAPE	
		R304	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R305	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R306	ORD2702F608	RESISTOR,CARBON FILM	R,CARBON 27K-J 1/6W 5MM TAPE	
		R307	ORD4700F608	RESISTOR,CARBON FILM	R,CARBON 470-J 1/6W 5MM TAPE	
		R308	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R310	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R311	ORD6801F608	RESISTOR,CARBON FILM	R,CARBON 6.8K-J 1/6W 5MM TAPE	
		R354	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R355	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R358	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R401	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R402	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R403	ORD6803F608	RESISTOR,CARBON FILM	R,CARBON 680K-J 1/6W 5MM TAPE	
		R404	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R405	ORD0182F608	RESISTOR,CARBON FILM	R,CARBON FILM 18-J 1/6W 5MM	
		R406	ORD2203F608	RESISTOR,CARBON FILM	R, CARBON 220K-J 1/6W 5MM TAP	
		R407	ORD4700F608	RESISTOR,CARBON FILM	R,CARBON 470-J 1/6W 5MM TAPE	
		R408	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R410	ORD0682F608	RESISTOR,CARBON FILM	R,CARBON 68-J 1/6W 5MM TAPE	
		R411	ORD0102F608	RESISTOR,CARBON FILM	R,CARBON 10-J 1/6W 5MM TAPE	
		R412	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R413	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	
		R416	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R417	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R418	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R419	ORD1202F608	RESISTOR,CARBON FILM	R,CARBON 12K-J 1/6W 5MM TAPE	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R420	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R421	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R422	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R423	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R424	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R425	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R425	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R426	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R427	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R429	ORD3901F608	RESISTOR,CARBON FILM	R,CARBON 3.9K-J 1/6W 5MM TAPE	
		R430	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R431	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R433	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R434	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R435	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R436	ORD1801F608	RESISTOR,CARBON FILM	R,CARBON 1.8K-J 1/6W 5MM TAPE	
		R437	ORD3302F608	RESISTOR,CARBON FILM	R,CARBON 33K-J 1/6W 5MM TAPE	
		R438	ORD0182F608	RESISTOR,CARBON FILM	R,CARBON FILM 18-J 1/6W 5MM	
		R439	ORD5600F608	RESISTOR,CARBON FILM	R,CARBON 560-J 1/6W 5MM TAPE	
		R440	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R441	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R450	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R501	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R503	ORD3301F608	RESISTOR,CARBON FILM	R,CARBON 3.3K-J 1/6W 5MM TAPE	
		R504	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R505	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R506	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R507	ORD3300F608	RESISTOR,CARBON FILM	R,CARBON 330-J 1/6W 5MM TAPE	
		R508	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R509	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R510	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R511	ORD4700F608	RESISTOR,CARBON FILM	R,CARBON 470-J 1/6W 5MM TAPE	
		R512	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R513	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R515	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R551	ORD0561F620	RESISTOR,CARBON FILM	R,CARBON FILM 5.6-J1/6WM P=5	
		R552	ORD1001F620	RESISTOR,CARBON FILM	R,CARBON FILM 1K-J 1/6WM P=5	
		R553	ORD1001F620	RESISTOR,CARBON FILM	R,CARBON FILM 1K-J 1/6WM P=5	
		R601	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R601	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R602	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R605	ORD8202G608	RESISTOR,CARBON FILM	R,CABON FILM 82K-J 1/4W TAPE	
		R606	ORD4700F608	RESISTOR,CARBON FILM	R,CARBON 470-J 1/6W 5MM TAPE	
		R607	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R608	ORD0472F608	RESISTOR,CARBON FILM	R,CARBON 47-J 1/6W 5MM TAPE	
		R609	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R609	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R615	ORD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R616	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R617	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R618	ORD3900F608	RESISTOR,CARBON FILM	R,CARBON 390-J 1/6W 5MM TAPE	
		R619	ORD3302F608	RESISTOR,CARBON FILM	R,CARBON 33K-J 1/6W 5MM TAPE	
		R620	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R621	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R622	ORD3903F608	RESISTOR,CARBON FILM	R,CARBON 390K-J 1/6W 5MM TAPE	
		R623	ORD3902F608	RESISTOR,CARBON FILM	R,CARBON 39K-J 1/6W 5MM TAPE	
		R624	ORD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R627	ORD8202F608	RESISTOR,CARBON FILM	R,CARBON 82K-J 1/6W 5MM TAPE	
		R628	ORD2200F608	RESISTOR,CARBON FILM	R,CARBON 220-J 1/6W 5MM TAPE	
		R629	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R630	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R631	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R632	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R636	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R637	ORD6803F608	RESISTOR,CARBON FILM	R,CARBON 680K-J 1/6W 5MM TAPE	
		R638	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R639	ORD8201F608	RESISTOR,CARBON FILM	R,CARBON 8.2K-J 1/6W 5MM TAPE	
		R640	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R641	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R642	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R643	ORD2203F608	RESISTOR,CARBON FILM	R, CARBON 220K-J 1/6W 5MM TAP	
		R644	ORD2203F608	RESISTOR,CARBON FILM	R, CARBON 220K-J 1/6W 5MM TAP	
		R645	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R648	ORD8203F608	RESISTOR,CARBON FILM	R,CARBON 820K-J 1/6W 5MM TAPE	
		R649	ORD1803F608	RESISTOR,CARBON FILM	R,CARBON 180K-J 1/6W 5MM TAPE	
		R649	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R651	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R652	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R655	ORD8202G608	RESISTOR,CARBON FILM	R,CABON FILM 82K-J 1/4W TAPE	
		R656	ORD4700F608	RESISTOR,CARBON FILM	R,CARBON 470-J 1/6W 5MM TAPE	
		R657	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R658	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R659	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R659	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R660	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R660	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R661	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R661	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R665	ORD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R666	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R667	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R668	ORD3900F608	RESISTOR,CARBON FILM	R,CARBON 390-J 1/6W 5MM TAPE	
		R669	ORD3302F608	RESISTOR,CARBON FILM	R,CARBON 33K-J 1/6W 5MM TAPE	
		R670	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R671	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R672	ORD3903F608	RESISTOR,CARBON FILM	R,CARBON 390K-J 1/6W 5MM TAPE	
		R673	ORD3902F608	RESISTOR,CARBON FILM	R,CARBON 39K-J 1/6W 5MM TAPE	
		R674	ORD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R677	ORD8202F608	RESISTOR,CARBON FILM	R,CARBON 82K-J 1/6W 5MM TAPE	
		R678	ORD2200F608	RESISTOR,CARBON FILM	R,CARBON 220-J 1/6W 5MM TAPE	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R679	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R680	ORD1200F608	RESISTOR,CARBON FILM	R, CARBON FILM 120-J 1/6WTAP	
		R681	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R682	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R685	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R686	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R687	ORD6803F608	RESISTOR,CARBON FILM	R,CARBON 680K-J 1/6W 5MM TAPE	
		R688	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R689	ORD8201F608	RESISTOR,CARBON FILM	R,CARBON 8.2K-J 1/6W 5MM TAPE	
		R691	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R699	ORD1803F608	RESISTOR,CARBON FILM	R,CARBON 180K-J 1/6W 5MM TAPE	
		R699	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R701	ORD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R702	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R703	ORD6800F608	RESISTOR,CARBON FILM	R,CARBON 680-J 1/6W 5MM TAPE	
		R704	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R705	ORN0101H634	RESISTOR,METAL FILM	1-J 1/2W LF P=15	
		R707	ORS2200J634	RESISTOR,METAL OXIDE	220-J 1W LF P=15	
		R708	ORD5601F608	RESISTOR,CARBON FILM	R,CARBON 5.6K-J 1/6W 5MM TAPE	
		R709	ORD6802F608	RESISTOR,CARBON FILM	R,CARBON 68K-J 1/6W 5MM TAPE	
		R710	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R711	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R712	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R713	ORD6801F608	RESISTOR,CARBON FILM	R,CARBON 6.8K-J 1/6W 5MM TAPE	
		R751	ORD1501F608	RESISTOR,CARBON FILM	R,CARBON 1.5K-J 1/6W 5MM TAPE	
		R752	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R753	ORD6800F608	RESISTOR,CARBON FILM	R,CARBON 680-J 1/6W 5MM TAPE	
		R754	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R755	ORN0101H634	RESISTOR,METAL FILM	1-J 1/2W LF P=15	
		R757	ORS2200J634	RESISTOR,METAL OXIDE	220-J 1W LF P=15	
		R760	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R761	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R801	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R803	ORD8201F608	RESISTOR,CARBON FILM	R,CARBON 8.2K-J 1/6W 5MM TAPE	
		R804	ORD1602F608	RESISTOR,CARBON FILM	FILM 16K-J 1/6W TAPE	
		R805	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R806	ORD1001G608	RESISTOR,CARBON FILM	R,CARBON FILM 1K-J 1/4W TAPE	
		R807	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R808	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R809	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R810	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R811	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R812	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R813	ORD1303F608	RESISTOR,CARBON FILM	FILM 130K-J 1/6WTAPE	
		R814	ORD6202F608	RESISTOR,CARBON FILM	FILM 62K-J 1/6 P5T	
		R815	ORD6801F608	RESISTOR,CARBON FILM	R,CARBON 6.8K-J 1/6W 5MM TAPE	
		R816	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R817	ORD5103F608	RESISTOR,CARBON FILM	FILM 510K-J 1/6WTAPE	
		R818	ORD8202F608	RESISTOR,CARBON FILM	R,CARBON 82K-J 1/6W 5MM TAPE	
		R819	ORN3601F408	RESISTOR,METAL FILM	FILM 3.6K-F 1/6W TAPE	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R820	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R821	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R822	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R823	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R824	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R825	ORN1003F408	RESISTOR,METAL FILM	FILM 100K-F 1/6W TAPE	
		R825	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R826	ORN1003F408	RESISTOR,METAL FILM	FILM 100K-F 1/6W TAPE	
		R827	ORD0912F608	RESISTOR,CARBON FILM	FILM 91-J 1/6W TAPE	
		R831	ORD0222G608	RESISTOR,CARBON FILM	R,CARBON FILM 22-J 1/4W TAPE	
		R832	ORD0102F608	RESISTOR,CARBON FILM	R,CARBON 10-J 1/6W 5MM TAPE	
		R833	ORD2703F608	RESISTOR,CARBON FILM	R,CARBON 270K-J 1/6W 5MM TAPE	
		R834	ORD0102F608	RESISTOR,CARBON FILM	R,CARBON 10-J 1/6W 5MM TAPE	
		R835	ORD3302F608	RESISTOR,CARBON FILM	R,CARBON 33K-J 1/6W 5MM TAPE	
		R836	ORD0221F608	RESISTOR,CARBON FILM	R,CARBON 2.2-J 1/6W 5MM TAPE	
		R837	ORD0102F608	RESISTOR,CARBON FILM	R,CARBON 10-J 1/6W 5MM TAPE	
		R838	ORD3901F608	RESISTOR,CARBON FILM	R,CARBON 3.9K-J 1/6W 5MM TAPE	
		R839	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R840	ORD5602G608	RESISTOR,CARBON FILM	R,CARBON FILM 56K-J 1/4W TAPE	
		R841	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R842	ORD0102G608	RESISTOR,CARBON FILM	R,CARBON FILM 10-J 1/4W TAPE	
		R843	ORD0221F608	RESISTOR,CARBON FILM	R,CARBON 2.2-J 1/6W 5MM TAPE	
		R844	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R845	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R846	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R849	ORD0102F608	RESISTOR,CARBON FILM	R,CARBON 10-J 1/6W 5MM TAPE	
		R851	ORD1004F608	RESISTOR,CARBON FILM	R,CARBON 1M-J 1/6W 5MM TAPE	
		R852	ORD2202F608	RESISTOR,CARBON FILM	R,CARBON 22K-J 1/6W 5MM TAPE	
		R853	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R854	ORD3300G608	RESISTOR,CARBON FILM	R,CARBON FILM 330J 1/4W TAPE	
		R856	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R857	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R858	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R859	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R860	ORD1001F608	RESISTOR,CARBON FILM	R,CARBON 1K-J 1/6W 5MM TAPE	
		R863	ORD2201G608	RESISTOR,CARBON FILM	R,CARBON FILM 2.2K-J 1/4W TAP	
		R864	ORD2201F608	RESISTOR,CARBON FILM	R,CARBON 2.2K-J 1/6W 5MM TAPE	
		R865	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R866	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R867	ORD3303F608	RESISTOR,CARBON FILM	R,CARBON 330K-J 1/6W 5MM TAPE	
		R868	ORD3303F608	RESISTOR,CARBON FILM	R,CARBON 330K-J 1/6W 5MM TAPE	
		R869	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R870	ORD1802F608	RESISTOR,CARBON FILM	R,CARBON 18K-J 1/6W 5MM TAPE	
		R871	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R872	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R873	ORD5600F608	RESISTOR,CARBON FILM	R,CARBON 560-J 1/6W 5MM TAPE	
		R874	ORD5600F608	RESISTOR,CARBON FILM	R,CARBON 560-J 1/6W 5MM TAPE	
		R875	ORD2200F608	RESISTOR,CARBON FILM	R,CARBON 220-J 1/6W 5MM TAPE	
		R876	ORD2200F608	RESISTOR,CARBON FILM	R,CARBON 220-J 1/6W 5MM TAPE	
		R877	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		R878	ORD4701G608	RESISTOR,CARBON FILM	R,CARBON FILM 4.7K-J 1/4W TAP	
		R879	ORD4703F608	RESISTOR,CARBON FILM	R, CARBON 470K-J 1/6W 5MM TAP	
		R880	ORD4703F608	RESISTOR,CARBON FILM	R, CARBON 470K-J 1/6W 5MM TAP	
		R881	ORD4700F608	RESISTOR,CARBON FILM	R,CARBON 470-J 1/6W 5MM TAPE	
		R882	ORD4700F608	RESISTOR,CARBON FILM	R,CARBON 470-J 1/6W 5MM TAPE	
		R883	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R884	ORD4701F608	RESISTOR,CARBON FILM	R,CARBON 4.7K -J 1/6W 5MM TAP	
		R885	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R886	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R887	ORD1800F608	RESISTOR,CARBON FILM	R,CARBON 180-J 1/6W 5MM TAPE	
		R888	ORD4702F608	RESISTOR,CARBON FILM	R,CARBON 47K-J 1/6W 5MM TAPE	
		R889	ORD1003F608	RESISTOR,CARBON FILM	R,CARBON 100K-J 1/6W 5MM TAPE	
		R891	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R892	ORD1000F608	RESISTOR,CARBON FILM	R,CARBON 100-J 1/6W 5MM TAPE	
		R893	ORD5600F608	RESISTOR,CARBON FILM	R,CARBON 560-J 1/6W 5MM TAPE	
		R894	ORD5600F608	RESISTOR,CARBON FILM	R,CARBON 560-J 1/6W 5MM TAPE	
		R895	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R896	ORD2701F608	RESISTOR,CARBON FILM	R,CARBON 2.7K -J 1/6W 5MM TAP	
		R897	ORD1502F608	RESISTOR,CARBON FILM	R,CARBON 15K-J 1/6W 5MM TAPE	
		R898	ORD1002F608	RESISTOR,CARBON FILM	R,CARBON 10K-J 1/6W 5MM TAPE	
		R899	ORD1801F608	RESISTOR,CARBON FILM	R,CARBON 1.8K-J 1/6W 5MM TAPE	
		R901	ORD1002G608	RESISTOR,CARBON FILM	R,CARBON FILM 10K-J 1/4W TAPE	
		R902	ORD1002G608	RESISTOR,CARBON FILM	R,CARBON FILM 10K-J 1/4W TAPE	
		R903	ORD1002G608	RESISTOR,CARBON FILM	R,CARBON FILM 10K-J 1/4W TAPE	
		R904	ORD1000G608	RESISTOR,CARBON FILM	R,CARBON FILM 100J 1/4W TAPE	
		R905	ORD1000G608	RESISTOR,CARBON FILM	R,CARBON FILM 100J 1/4W TAPE	
		R906	ORD1000G608	RESISTOR,CARBON FILM	R,CARBON FILM 100J 1/4W TAPE	
		R907	ORD1000G608	RESISTOR,CARBON FILM	R,CARBON FILM 100J 1/4W TAPE	
		R908	ORD1000G608	RESISTOR,CARBON FILM	R,CARBON FILM 100J 1/4W TAPE	
		R909	ORD1000G608	RESISTOR,CARBON FILM	R,CARBON FILM 100J 1/4W TAPE	
		R910	ORD1000G608	RESISTOR,CARBON FILM	R,CARBON FILM 100J 1/4W TAPE	
		SW1700	554-612F	SWITCH UNIPUSH	*SW,PUSH SDLIP (UL/CSA/S) 03.	
		SW409	552-035B	SWITCH SLIDE	SW,SLIDE CL106B(S) W-S	
		SW410	554-635A	SWITCH UNIPUSH	*SW,PUSH SPH121A(N)H8.5 SELF-	
		SW411	554-635A	SWITCH UNIPUSH	*SW,PUSH SPH121A(N)H8.5 SELF-	
		SW412	554-635A	SWITCH UNIPUSH	*SW,PUSH SPH121A(N)H8.5 SELF-	
		SW413	554-635A	SWITCH UNIPUSH	*SW,PUSH SPH121A(N)H8.5 SELF-	
		SW501	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW502	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW503	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW504	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW505	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW506	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW507	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW508	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW509	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW510	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW511	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW513	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW514	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	

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S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		SW515	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW516	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW517	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW518	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW528	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW529	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW530	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW531	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW901	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW902	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW903	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW904	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW905	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW908	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW909	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW910	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		SW911	558-908A	SWITCH SPECIAL	SW TACT KH10902 DAD	
		TC101	623-001E	TRIMMER	*TRIMMER,C CVN610 DONG-KUK	
		TC102	623-001F	TRIMMER	*TRIMMER, C CVN620 DONG-KUK	
		TC103	623-001F	TRIMMER	*TRIMMER, C CVN620 DONG-KUK	
		TC104	623-001E	TRIMMER	*TRIMMER,C CVN610 DONG-KUK	
		T103	647N014B	DISCRIMINATOR	DISC,QU-7(S-111-106) SUMIDA	
		T104	647N014A	DISCRIMINATOR	DISC,QU-7(S-111-103) SUMIDA	
		T105	644N038C	TRANS	MW IFT,P-7GB(S-111-107) SUMID	
		VC101	0DD321000AB	DIODE BIASING	*DIODE,VARACTOR SVC321SP-A	
		VC102	0DD321000AB	DIODE BIASING	*DIODE,VARACTOR SVC321SP-A	
		VC103	0DD321000AB	DIODE BIASING	*DIODE,VARACTOR SVC321SP-A	
		VC104	0DD321000AB	DIODE BIASING	*DIODE,VARACTOR SVC321SP-A	
		VR101	0RV1103D230	RESISTOR SEMI-FIXED	,S-FIXED RH0615C-10KB	
		VR103	0RV1334D230	RESISTOR SEMI-FIXED	,SEMI RH0615C-330KB	
		VR411	0RV1331D230	VR,SEMI RH0615C-330B		
		VR601	612-628J	RESISTOR SLIDE	EWA-SANC95G15,W100KX2 C/C	
		VR602	612-628J	RESISTOR SLIDE	EWA-SANC95G15,W100KX2 C/C	
		VR603	612-628J	RESISTOR SLIDE	EWA-SANC95G15,W100KX2 C/C	
		VR604	612-628J	RESISTOR SLIDE	EWA-SANC95G15,W100KX2 C/C	
		VR605	612-628J	RESISTOR SLIDE	EWA-SANC95G15,W100KX2 C/C	
		VR606	612-628J	RESISTOR SLIDE	EWA-SANC95G15,W100KX2 C/C	
		VR801	613T009J	RESISTOR SEMI-FIXED	S-F,EUN-DXA A03BE4(22KB)	
		VR802	613T009A	RESISTOR SEMI-FIXED	S-F,EUN-DXA A03BQ3(4.7KB)	
		VR803	613T009J	RESISTOR SEMI-FIXED	S-F,EUN-DXA A03BE4(22KB)	
		VR805	613T009B	RESISTOR SEMI-FIXED	S-F,EUN-DXA A03B13(1KB)	
		X801	617-602M	CRYSTAL	8.4672MHZ	
		VR804	613T009J	RESISTOR SEMI-FIXED	S-F,EUN-DXA A03BE4(22KB)	